

Cancer

Cardiovascular

Cell Biology

Epigenetics & Nuclear Signaling

Developmental Biology

Immunology

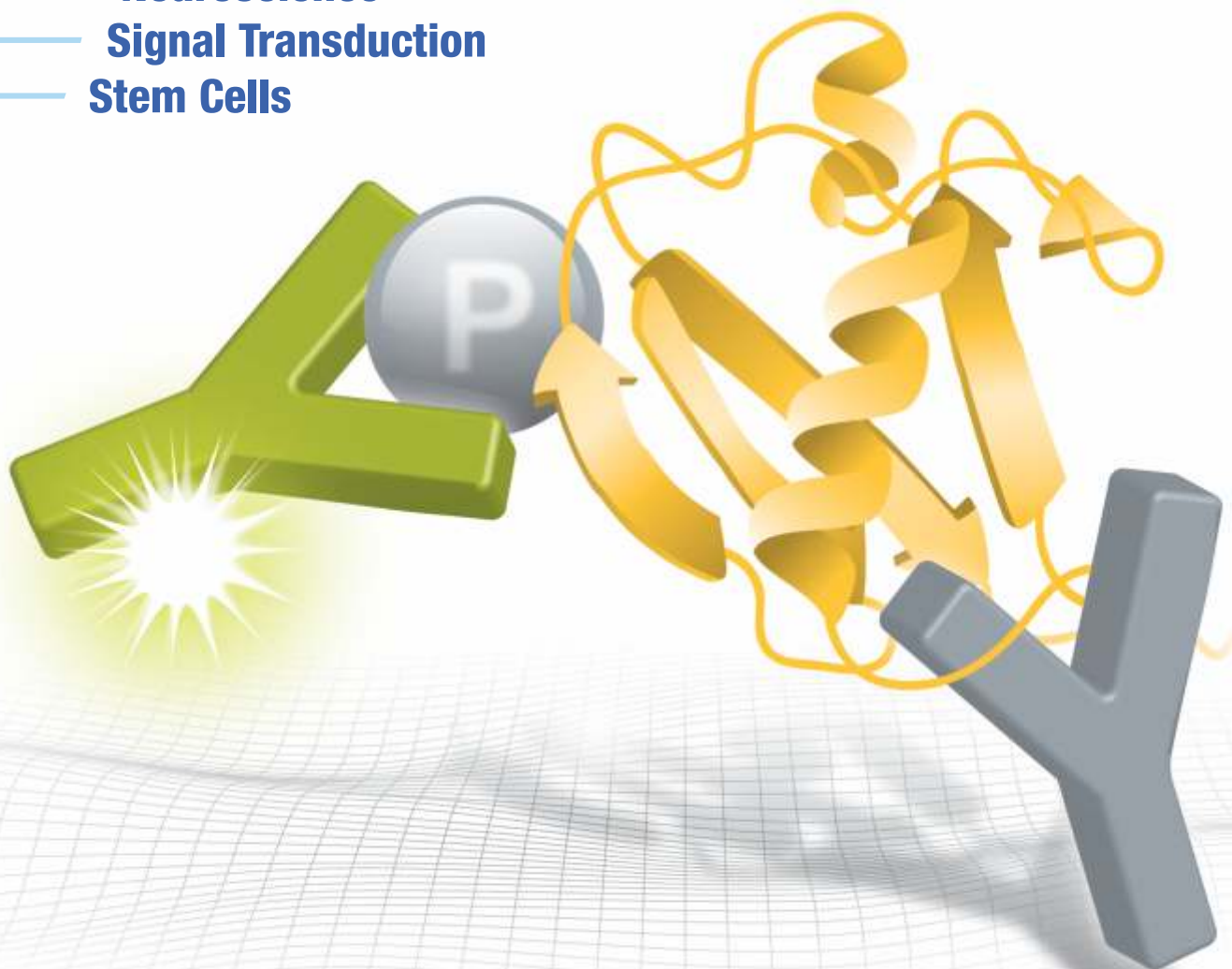
Metabolism

Microbiology

Neuroscience

Signal Transduction

Stem Cells



About Abcam



Abcam, with offices in Cambridge, U.K., Cambridge, MA, U.S.A., Tokyo, Japan and Hong Kong was founded in 1998 by D.r Jonathan Milner, then a researcher at Cambridge University, U.K.

“Like many life science researchers, I was frustrated by the time it took to locate and select antibodies essential for my research. This was largely due to poor information and out-of-date catalogs from the vast range of suppliers who were spread across many countries. In some cases, I also experienced difficulties with companies whose products were unreliable and whose customer service was slow and unhelpful. My vision was to build a company that offered reliable cutting-edge products and great customer service.”

It was a tough vision-Abcam was created to sell the best antibodies in the world with the most comprehensive, honest and up-to-date datasheets, fast delivery, helpful customer service and comprehensive technical support. Abcam also offers an ever expanding portfolio of assay kits.

Several years on and with thousands of products across our range, Abcam ships to scientists in over 75 countries around the world. Abcam is committed to the following fundamental principles that have seen us become the first choice for thousands of life scientists throughout industry and academia:

- Quality of products and datasheets
- Helpful technical support and online technical resources
- Friendly customer service
- Fast delivery

Comprehensive

We have a policy of honesty – our customers know everything that we know about our products, as soon as we know it. Everything we know about each product is posted on the datasheet. To achieve exceptional levels of quality for our customers we provide:

- Comprehensive datasheets
- Customers' Abreviews® of our products
- Product-specific protocols used by our customers
- Customers' technical questions and our answers for each product
- Product information and new products updated daily

Helpful

Our Scientific Support and Customer Service departments are full of scientists that have many years of experience working with the types of products that we supply to our customers.

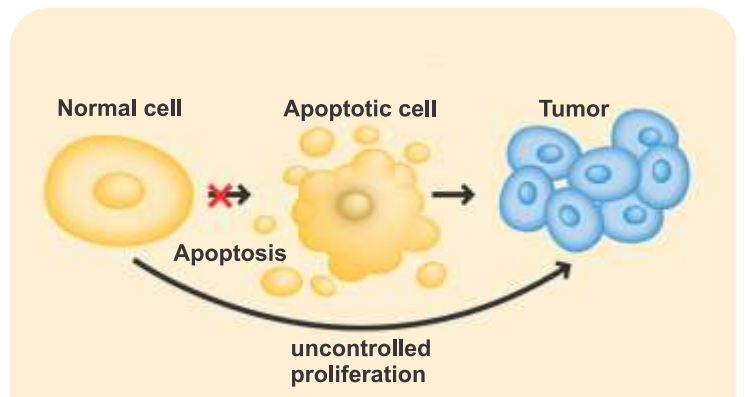
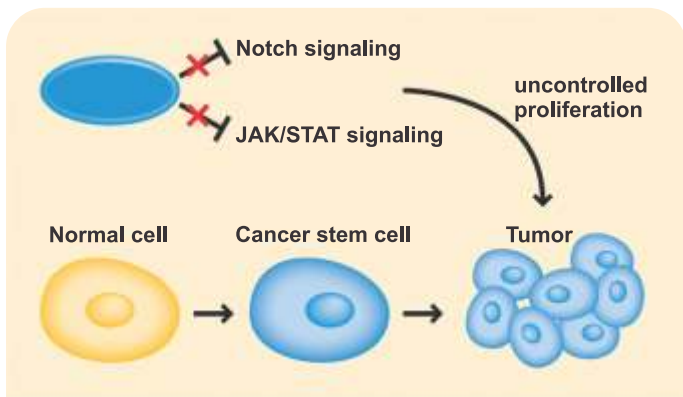
We provide continuous order progress updates, so that you always know what is happening with your order and when you should expect receive it.



Cancer (28,456 products)

Cancer Biomarker Panels (6)	Biomarker Panels (6)
Cancer Metabolism (6,554)	Cellular metabolic process (584)
	Metabolic signaling pathway (3,872)
	Response to hypoxia (2,088)
	Transcriptional control (10)
Cell cycle (2,235)	Cell cycle inhibitors (793)
	Cell differentiation (310)
	Cell division (495)
	Cyclins (170)
	Kinases / phosphatases (467)
Drug resistance (166)	MRP-related proteins (81)
	P glycoproteins (32)
	Topoisomerases (42)
	Vault proteins (11)
Growth factors (1,663)	EGF (194)
	FGF (258)
	Hormones (136)
	Insulin and insulin-like (176)
	PDGF (111)
	TGF (218)
	TNF (378)
	VEGF (192)

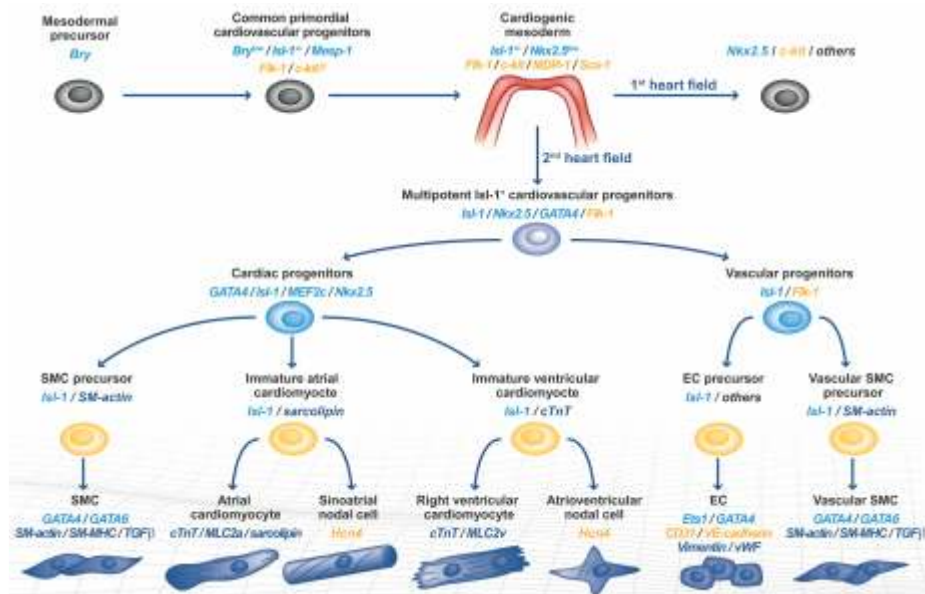
Invasion / microenvironment (4,729)	Angiogenesis (1,303)
	Apoptosis (1,319)
	ECM (1,944)
	Hypoxia (163)
Oncoproteins / suppressors (4,086)	Oncoproteins (2,030)
	Tumor suppressors (1,893)
	Viral proteins (163)
Signal transduction (3,380)	Autophagy (294)
	G protein signaling (594)
	Nuclear signaling (848)
	Other (602)
	Protein phosphorylation (1,042)
Tumor biomarkers (3,571)	Enzymes (601)
	Globulins (50)
	Hormones (125)
	Oncoproteins (397)
	Other (1,582)
	Receptors (262)
	Tumor antigens (554)
Tumor immunology (2,066)	CD markers (307)
	Cytokines (1,093)
	Tumor-associated antigens (666)



Cardiovascular (20,139 products)

Angiogenesis (2,580)	Adhesion / ECM (794)
	Angiogenic Factors (365)
	Cytokines (182)
	Ephrins (159)
	Growth Factors (895)
	Inhibitors (182)
	Lymph Angiogenesis (3)
Heart (3,515)	Apoptosis (216)
	Autophagy (300)
	Cardiac arrhythmias (309)
	Cardiac metabolism (378)
	Cardiogenesis (712)
	Contractility (612)
	Hypertrophy (988)
Blood (4,776)	Acute Phase Reactants (118)
	Blood Cell Antigens (367)
	Blood Pressure regulation (403)
	Coagulation (695)
	Erythrocytes (100)
	Fibrinolysis / Thrombolysis (358)
	Other (941)
	Platelets (667)
	Serum Proteins (1,127)

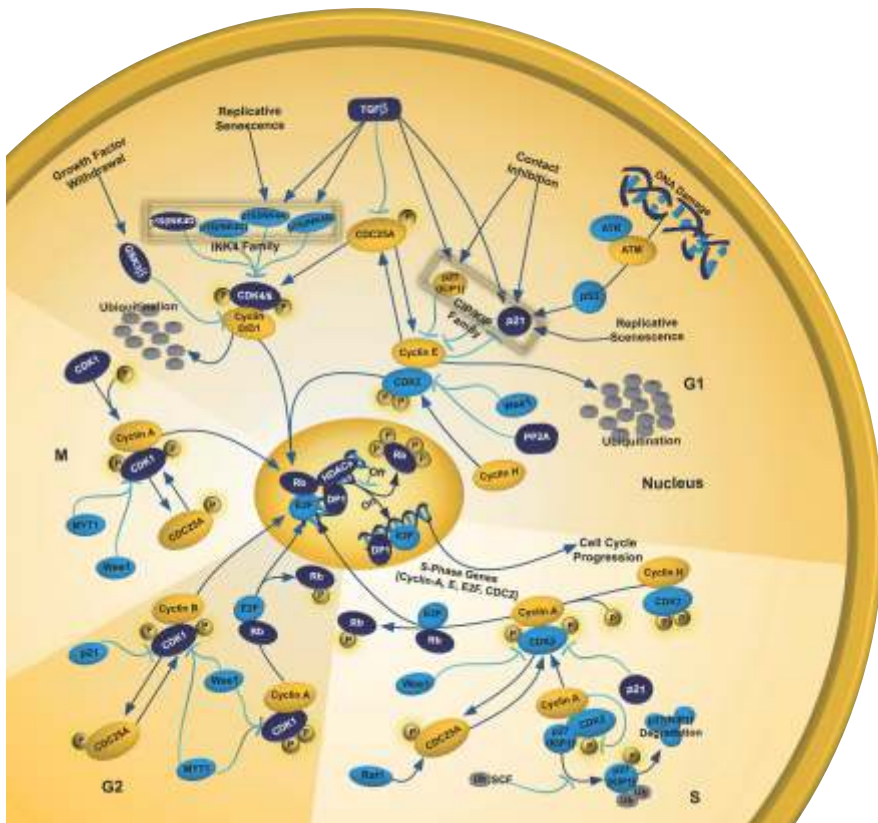
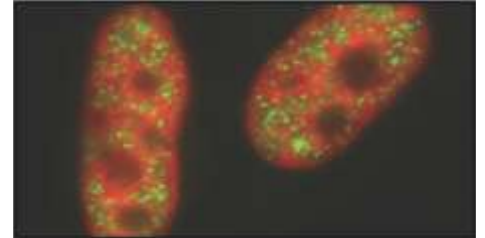
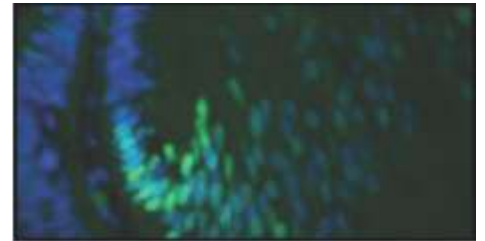
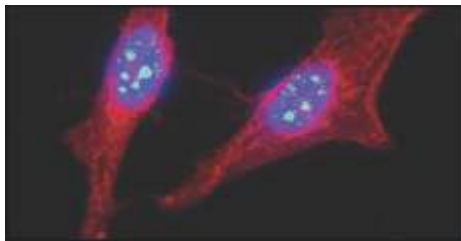
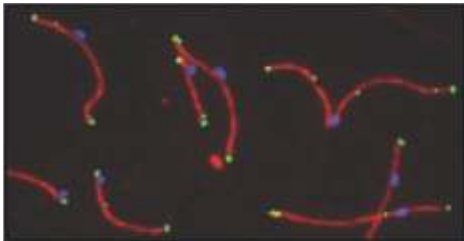
Cardiovascular Markers (485)	Cell Markers (388)
	Apoptosis (222)
	Diabetes associated (918)
	Hypertension (141)
	Ischemia / Reperfusion (229)
	Lipid transport (228)
	Lipoprotein metabolism (453)
	Thrombosis (445)
	Vascular Inflammation (1,714)
Atherosclerosis (4,350)	Associated Proteins (84)
	HIF (64)
	Hypoxia-Regulated (108)
	Prolyl Hydroxylase (33)
Hypoxia (289)	Adipose Related (123)
	Fatty Acids (885)
	Lipid Metabolism (1,457)
Lipids / Lipoproteins (3,106)	Lipoproteins / Apolipoproteins (641)
	Endothelium (377)
	Smooth muscle cell (SMC) (130)
Vasculature (1,038)	Vasculature Markers (145)
	Vasoconstriction (170)
	Vasodilation (216)



Cell Biology (23,023 products)

Apoptosis (4,879)	Annexin V Reagents (42)
	Extracellular Signals (329)
	Intracellular (3,005)
	Mitochondrial (403)
	Nucleus (501)
	Phagocytosis (71)
	Receptors (528)
Proteolysis / Ubiquitin (6,104)	Protease inhibitors (597)
	Proteasome / Ubiquitin (3,015)
	Proteolytic enzymes (2,492)

Cell Cycle (5,632)	Cell Cycle Inhibitors (1,367)
	Cell Division (1,586)
	Cell differentiation (1,023)
	Cyclins (437)
	Kinases / Phosphatases (1,100)
	Markers (119)
Other Antibodies (6,408)	Drugs and Chemicals (400)
	Other Antibodies (4,753)
	Oxidative Stress (1,068)
	Plant related targets (187)



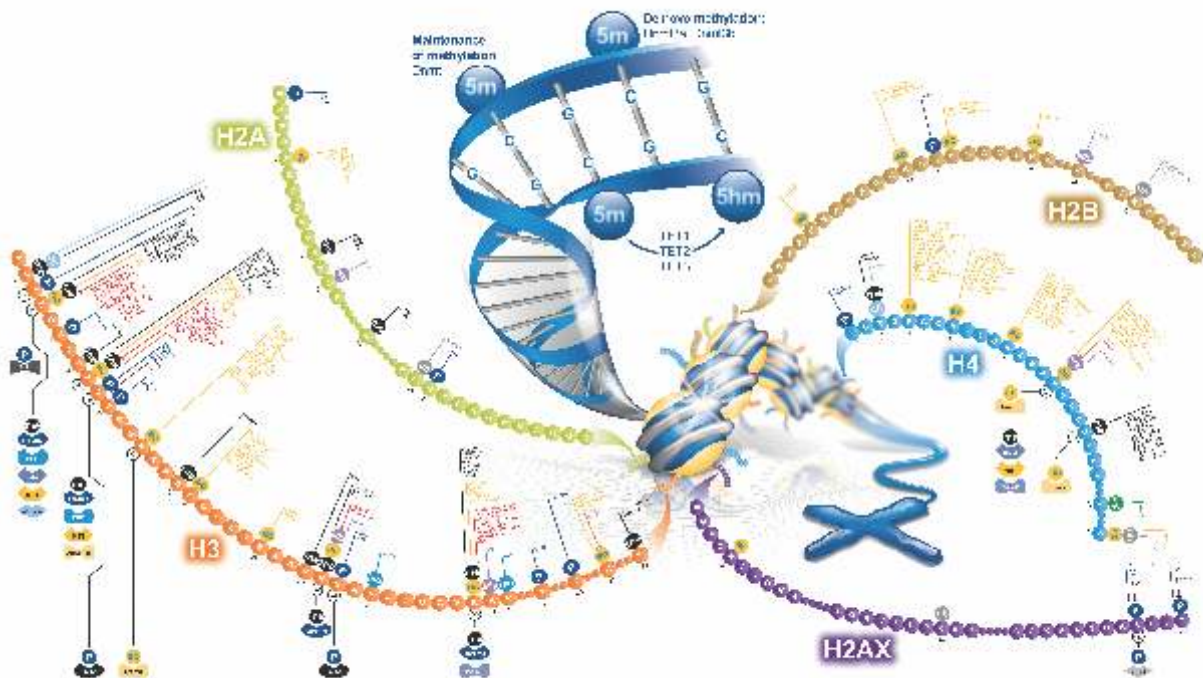
Epigenetics and Nuclear Signaling (40,964 products)

Assays & Kits (120)	ChIP Related Products (7)	Chromosome Structure (597)	Centromeres (131)	
	DNA modification & methylation		Chromatin assembly (79)	
	Histone acetylation & deacetylation		Chromosome (35)	
	Histone demethylation (1)		Cohesins (90)	
	Histone methylation activity (4)		Scaffold Proteins (94)	
	Histone methylation quantification		Telomeres (168)	
	Histone phosphorylation (5)		DNA / Nucleotides (355)	
	Sample preparation (5)		DNA Damage & Repair (2,436)	
	Sumoylation (2)		DNA Synthesis (823)	
Cardiovascular / Immune (153)	Hypoxia (153)	DNA / RNA (8,467)	RNA Processing (2,662)	
	Apoptosis (368)		Translation (2,191)	
Cell cycle (2,602)	Cell Cycle Inhibitors (671)		DNA methylation (339)	DNMTs (143)
	Cell Differentiation (229)			Methylated DNA (43)
	Chromosome Structure (339)	Methylated DNA Associated (43)		
	Cyclins (230)	Methylated DNA Binding (110)		
	Kinases / Phosphatases (589)	DNA Damage Antibody Panels (4)		
	Ubiquitin ligases (176)	Histone H3 Modification Antibody Panels (4)		
ChIP'ing antibodies (421)	ChIP'ing antibodies (421)	Epigenetics & Nuclear Signaling Antibody Panels (9)	RNA Polymerase II Antibody Panels (1)	
	Acetyl Lysine (21)		Core (27)	
Chromatin Binding Proteins (1,694)	DNA / RNA binding (1,485)	Histones (1,025)	H1 (71)	
	Methyl Arginine (5)		H2A (142)	
	Methyl Lysine (97)		H2A and H4 (1)	
	Methylated DNA (86)		H2B (94)	
Chromatin Modifying Enzymes (2,948)	ADP-ribosylation (123)		H3 (338)	
	Acetylation (1,331)		H4 (139)	
	Arginine Deiminases (28)		HMGs (61)	
	Deamination (72)		Lysates / Proteins (3)	
	Jumonji containing proteins (189)		Novel Modifications (26)	
	Methylation (833)		Variants (123)	
	Phosphorylation (69)		NFATs (66)	
	Sumoylation (2)	NFkB pathway (539)		
	Ubiquitylation (301)	Nuclear Receptors (1,675)		
Chromatin Remodeling (742)	FACT (15)	Nuclear Signaling Pathways (2,868)	SMADs (265)	
	Histone chaperones (66)		STATs (323)	
	INO80 (21)		Argonaute and Piwi (121)	
	ISWI / NURF/CHRAC (63)		Dicer (57)	
	Mi-2 (26)	RNAi (533)	Eukaryotic Initiation factors (eIF's) (224)	
	Polycomb Silencing (297)			
	Swi / Snf (184)			
	Trithorax (70)			

Epigenetics and Nuclear Signaling (40,964 products)

RNAi (533)	RISC (63)
	RNAi vectors (6)
	RdRP (2)
	miRNA processing (47)
Ubiquitin & Ubiquitin Like Modifiers (939)	Deubiquitination (369)
	E1 Ubiquitin Activating Enzymes (11)
	E2 Ubiquitin Conjugating Enzymes (207)
	E3 Ubiquitin Ligases (124)
	Ubiquitin Binding (31)
	Ubiquitin like Modifiers (183)
Ubiquitination (14)	

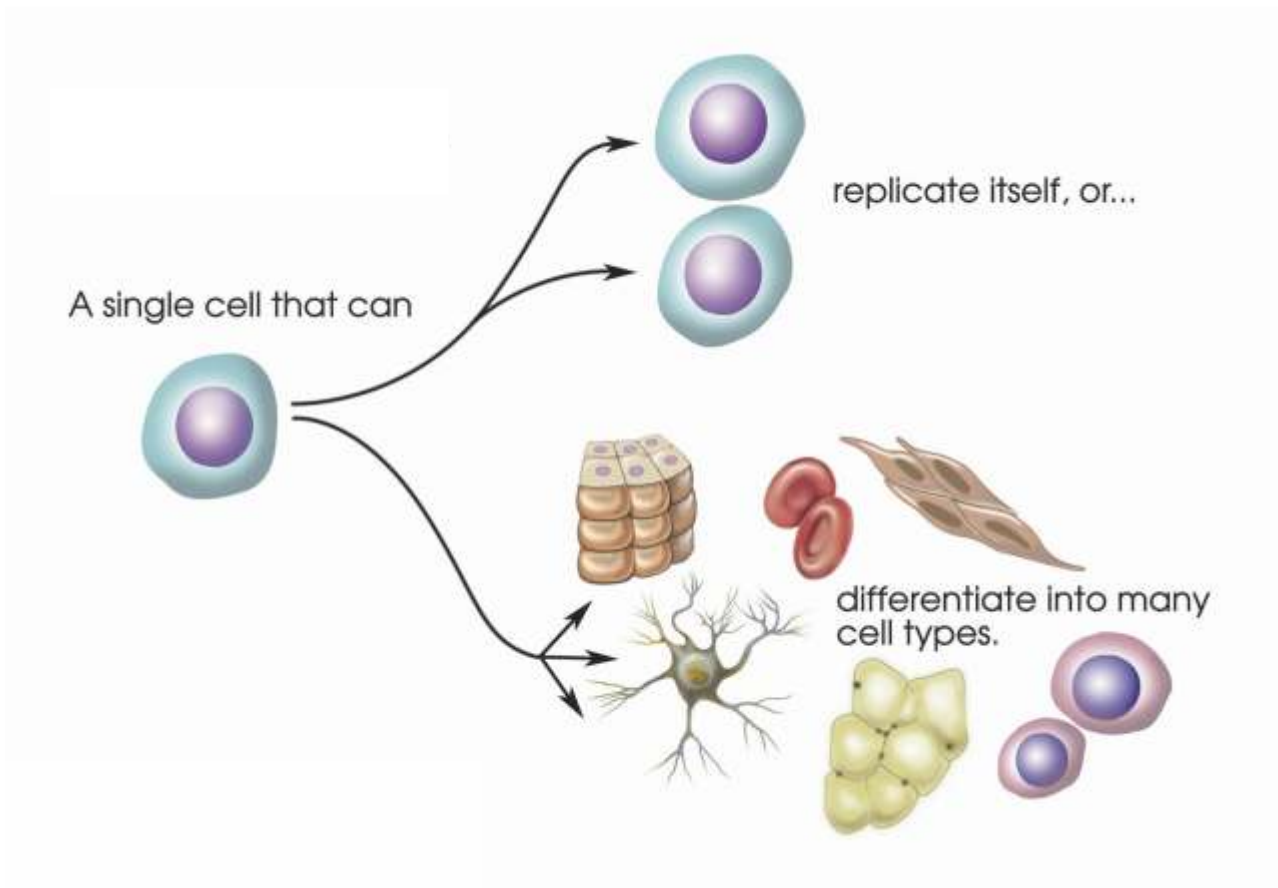
Transcription (17,507)	Bromodomain containing (52)
	Cancer susceptibility (1,737)
	Co-factors (749)
	Domain Families (6,627)
	Elongation factors (128)
	Krüppel like factor (225)
	Mediator Complex (173)
	Other factors (3,286)
	Polymerase associated factors (1,264)
	Preinitiation complex (124)
	RNA polymerase (243)
Transcription Factors (2,899)	



Developmental Biology (4,315 products)

Reproduction (950)	Fertilisation (109)
	Germ cell markers (459)
	Hormones (149)
	Placental development (135)
	Sex determination (98)
Organogenesis (1,306)	Angiogenesis and vasculogenesis (120)
	Excretory system development (226)
	Gut development (199)
	Hematopoietic system development (196)
	Nervous system development (262)
	Skeletal development (303)

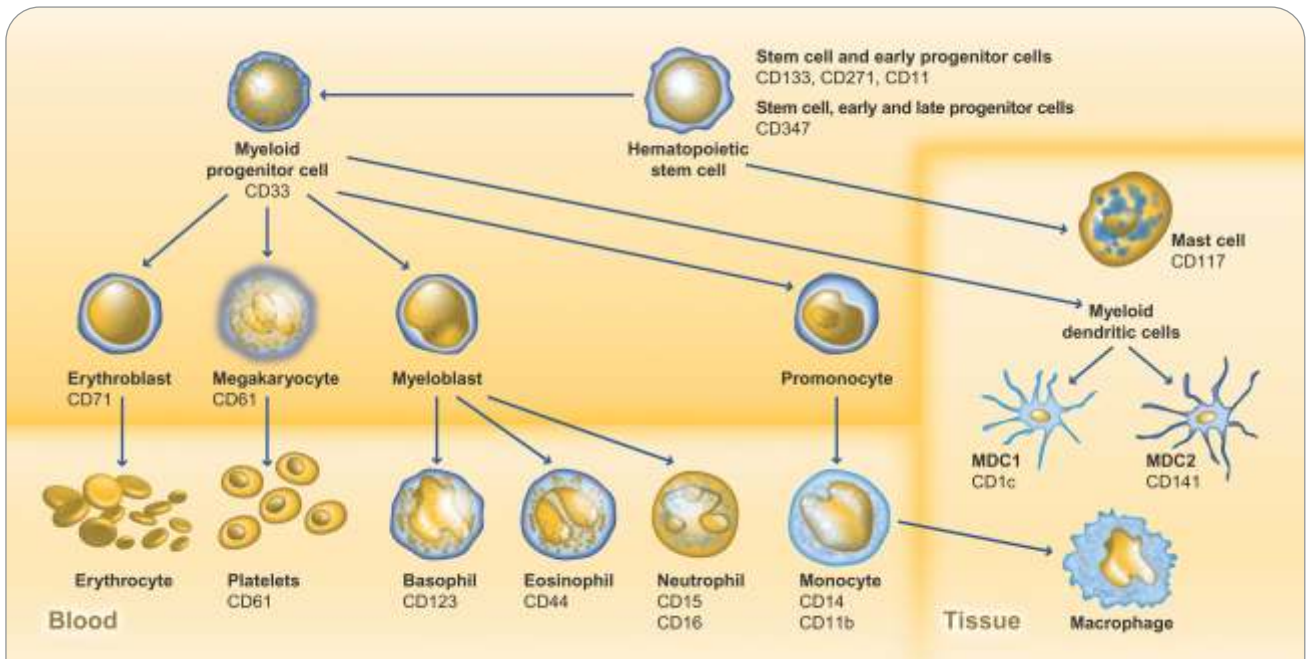
Embryogenesis (863)	Axis formation and symmetry (92)
	Embryonic stem cells (594)
	Morphogens (113)
	Somatogenesis (64)
Lineage specification (1,001)	Ectoderm (433)
	Endoderm (283)
	Mesoderm (259)
	Trophectoderm (26)
Post embryonic development (195)	Aging (95)
	Growth hormones (100)



Immunology (21,682 products)

Immunoglobulins (3,831)	Class Switching (102)
	Heavy Chain (2,969)
	Light Chain (136)
	Receptors (624)
Innate Immunity (8,136)	Chemokines (848)
	Complement (708)
	Cytokines (3,454)
	Fc Receptors (17)
	Macrophage / Inflamm. (1,732)
	Mast Cells (63)
	Myeloid Cells (43)
	NK Cells (162)
TLR Signaling (1,109)	

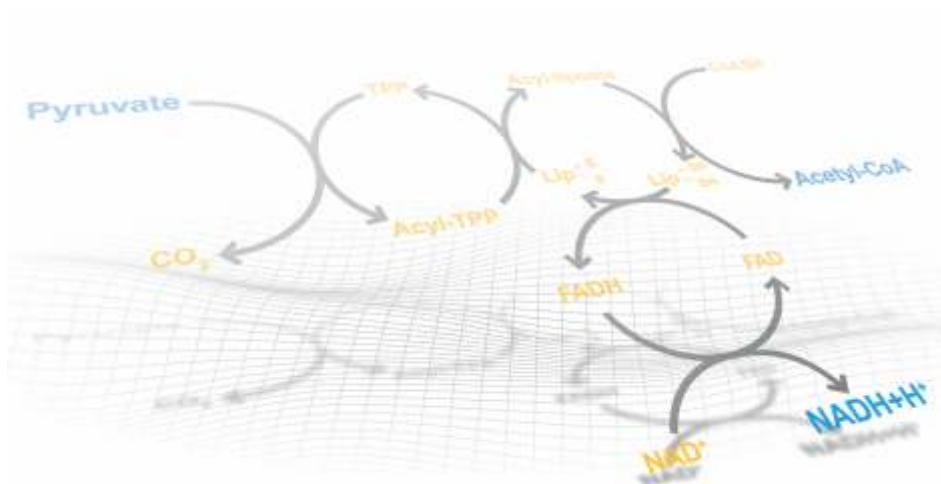
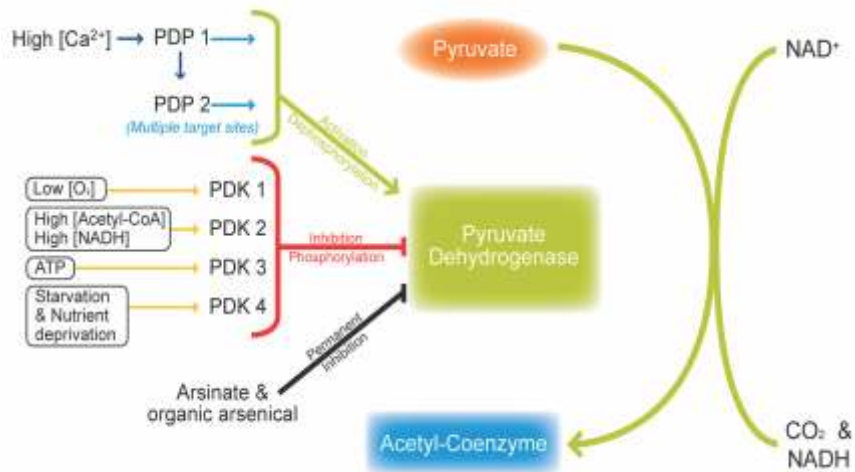
Adaptive Immunity (5,378)	B Cells (1,368)
	MHC (580)
	Regulatory T Cells (1,142)
	T Cells (2,288)
Cell Type Markers (2,197)	CD (2,112)
Immune Interventions (156)	Transplantation (156)
Immune System Diseases (1,620)	Allergens (103)
	Antiviral Signaling (906)
	Autoimmune (611)
Secreted Molecules (386)	CCN Family (36)
	Other secreted molecules (350)



Metabolism (40,149 products)

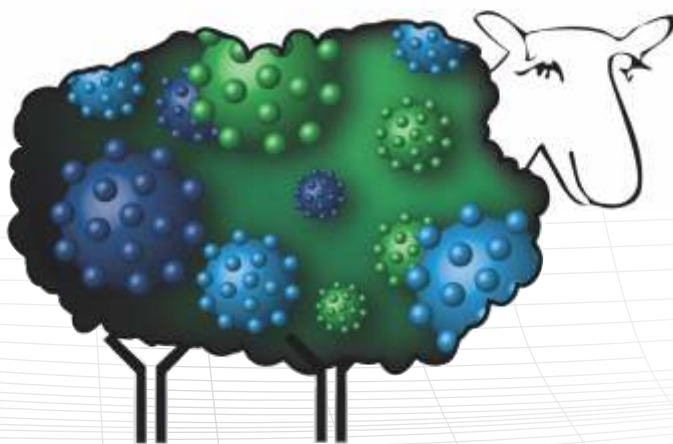
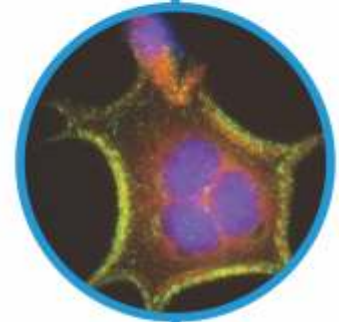
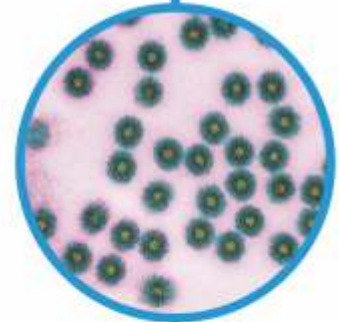
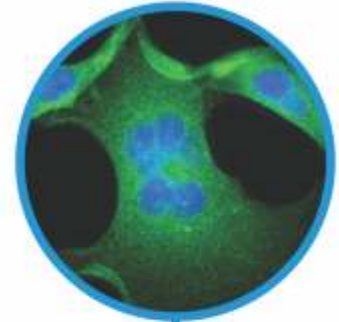
Types of disease (17,466)	Cancer (12,740)
	Diabetes (733)
	Heart disease (1,525)
	Metabolic disorders (516)
	Neurodegenerative disease (481)
	Obesity (1,471)

Pathways and Processes (22,683)	Cofactors, Vitamins / minerals (1,051)
	Endocrine metabolism (537)
	Metabolic signaling pathways (11,927)
	Metabolism processes (4,174)
	Mitochondrial Metabolism (3,588)
	Redox metabolism (1,406)



Microbiology (4,985 products)

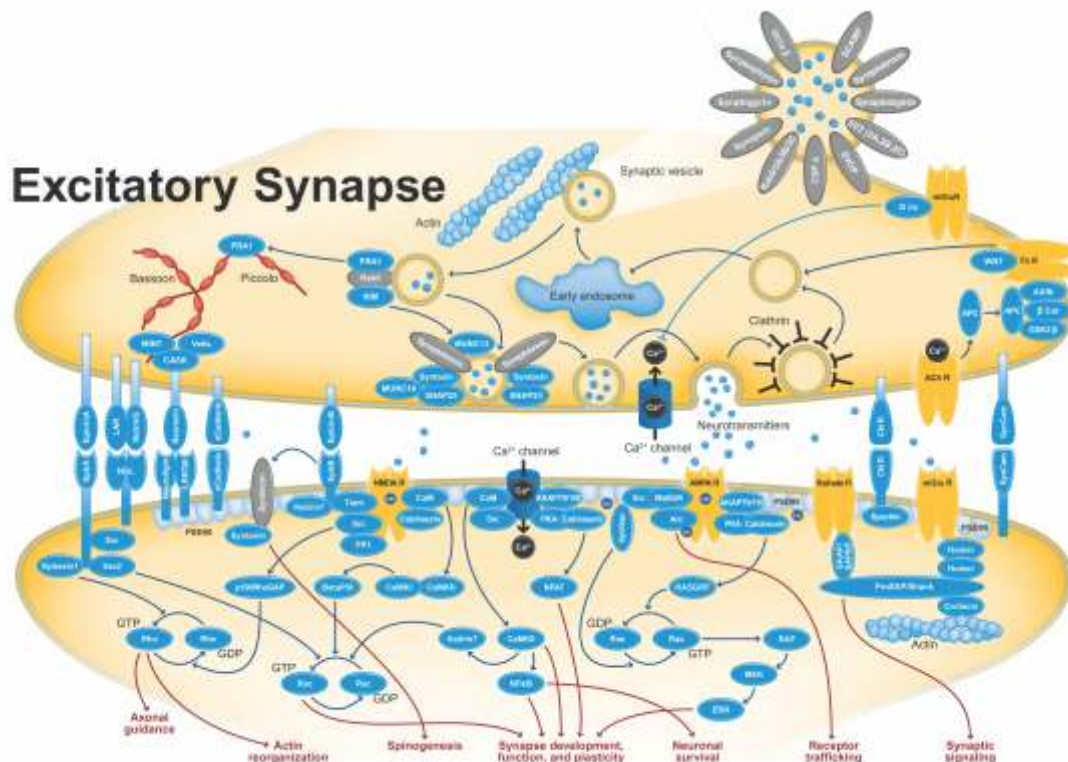
Interspecies Interaction (1,267)	Disease (10)
	Evasion of Immunity (1)
	Host Immune Response (110)
	Host Virus Interaction (1,136)
	Infection (3)
	Viral Replication (7)
Organism (2,889)	Bacteria (1,080)
	Eukaryotic Microorganism (176)
	Virus (1,633)
Protein (466)	Bacterial Protein (57)
	Human Protein (301)
	Receptor protein (3)
	Viral Protein (93)
	Yeast Protein (12)
Toxin (199)	Bacterial Toxin (187)
	Fungal Toxins (12)
Antimicrobial (125)	Antibiotic (125)
Lipopolysaccharide (39)	Bacterial Lipopolysaccharide (39)



Neuroscience (25,487 products)

Cell Adhesion Proteins (1,376)	Cytoskeletal Proteins (396)
	ECM Proteins (348)
	Membrane Proteins (485)
	Nuclear Proteins (50)
	Proteases (74)
	Receptors (23)
Cell Type Marker (3,140)	Glia marker (519)
	Neural Stem Cell marker (405)
	Neuron marker (2,216)
Endocrine system (678)	Gonadotrophic axis (297)
	Hypothalamic pituitary adrenal axis (226)
	Thyroid axis (155)
Neurology process (10,701)	Circadian Rhythm (66)
	Growth and Development (1,155)
	Metabolism (871)
	Neural Signal Transduction (952)
	Neurodegenerative disease (3,969)
	Neuroendocrinology (178)
	Neurogenesis (2,930)
	Neuroregeneration (305)
Notch Pathway (275)	

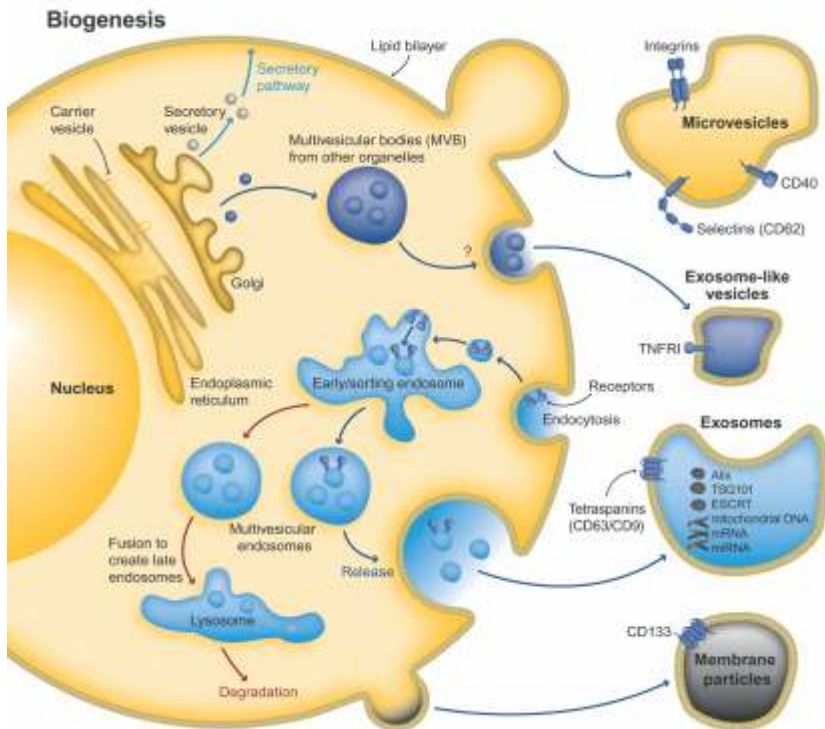
Neuronal Lysate (6)	Neuronal Tissue Lysate (6)
Neuronal Tissue Slide (25)	Brain Tissue Slide (8)
	Diseased Brain Tissue Slide (14)
	Diseased spinal cord tissue slide (1)
	Spinal Cord Tissue Slide (2)
Neuropharmacology (60)	Molecular Neuropharmacology (60)
Neurotransmission (5,590)	Calcium Signaling (461)
	Intracellular Signaling (895)
	Nitric Oxide (140)
	Receptors / Channels (3,344)
	Secretory Vesicles (750)
Neurotransmitter (1,635)	Acetylcholine (87)
	Amino Acids (427)
	Biogenic Amines (398)
	Neuropeptides (475)
Sensory System (2,276)	Transporters (248)
	Auditory system (283)
	Olfactory system (601)
	Somatosensory system (328)
	Taste system (145)
	Visual system (919)



Signal Transduction (51,765 products)

Adapters (1,660)	Cytoplasmic (1,077)
	Transmembrane (583)
Cytoskeleton / ECM (10,298)	Basal Lamina (206)
	Cell Adhesion (2,031)
	Cytoskeleton (4,593)
	Extracellular Matrix (3,352)
	HSPGs (116)
Metabolism (12,538)	Alcohol metabolism (197)
	Amino Acids (1,832)
	Drug metabolism (734)
	Energy Metabolism (2,733)
	Lipid metabolism (2,631)
	Mitochondrial (1,874)
	Plasma Membrane (1,537)
	Vitamins / Minerals (1,000)
Second Messenger (765)	Lipid Messengers (51)
	Nucleotide Messenger (714)
Signaling Pathway (9,847)	Calcium Signaling (1,951)
	G Protein Signaling (4,536)
	Lipid Signaling (1,062)
	Nuclear Signaling (2,298)

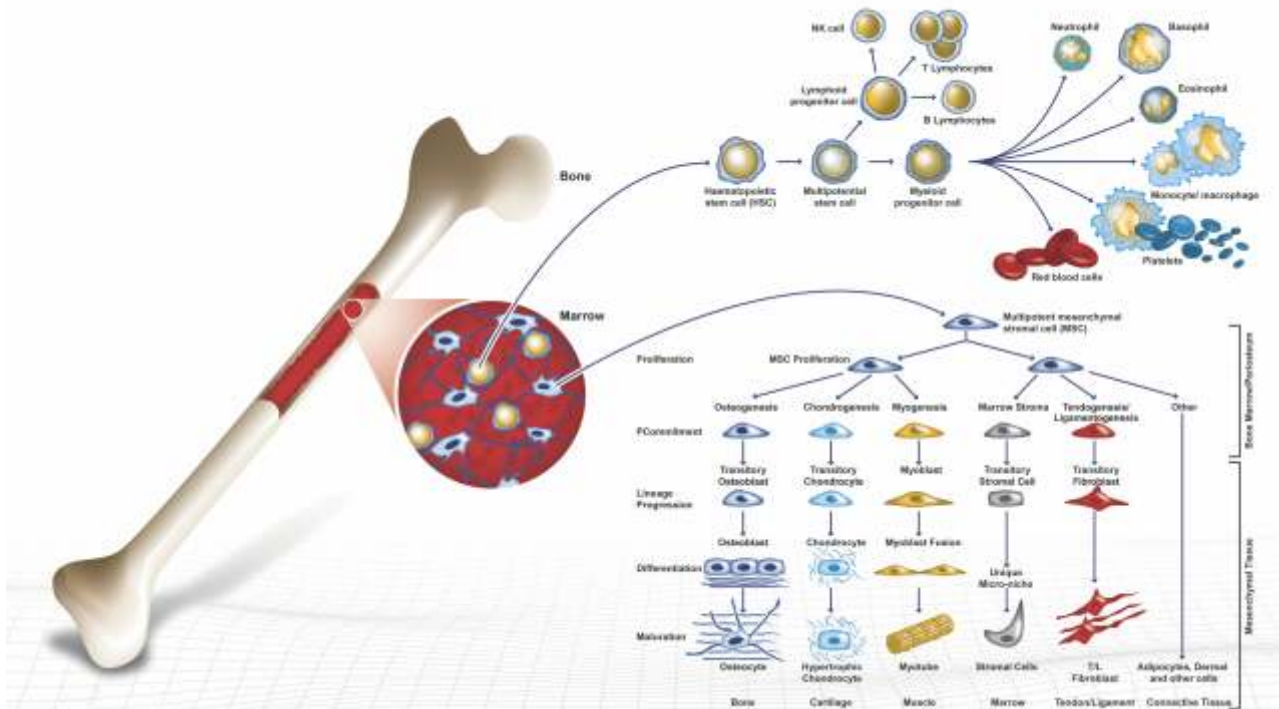
Protein Phosphorylation (6,913)	Ser / Thr Kinases (3,647)
	Ser / Thr Phosphatases (538)
	Tyrosine Kinases (2,003)
	Tyrosine Phosphatases (586)
	pSer / pThr (111)
Protein Trafficking (5,412)	pTyr (28)
	Chaperones (1,282)
	ER Proteins (547)
	Golgi Proteins (557)
	Nuclear Import / Export (432)
	Organelle Proteins (581)
Growth Factors / Hormones (4,332)	Vesicle Transport (2,013)
	Adrenalin (27)
	EGF (402)
	FGF (367)
	Hormones (1,724)
	Insulin / Insulin-like (584)
	PDGF (141)
	TGF (440)
	TNF (450)
	VEGF (197)



Stem Cells (16,428 products)

Cancer Stem Cells (40)	Intracellular (33)
	Surface Molecules (7)
Germline Stem Cells (455)	Embryonic Germ Cells (340)
	Spermatogonial Stem Cells (115)
Hematopoietic Progenitors (8,302)	Hemangioblast (33)
	Hematopoietic Stem Cells (839)
	Intracellular Molecules (305)
	Lymphoid (3,517)
	Myeloid (2,930)
	Surface Molecules (678)
Lineage Markers (976)	Ectoderm (379)
	Endoderm (355)
	Mesoderm (242)
Mesenchymal Stem Cells (1,621)	Adipogenesis (154)
	Chondrogenesis (167)
	Intracellular (42)
	Myogenesis (293)
	Negative Markers (168)
	Osteogenesis (270)
	Secreted Molecules (61)
	Surface Molecules (466)

Neural Stem Cells (934)	Extracellular (125)
	Glial Restricted Lineage (111)
	Intracellular (351)
	Neural Crest Stem Cells (53)
	Neuron Restricted Lineage (75)
Signaling Pathways (2,694)	Surface Molecules (219)
	Hedgehog (157)
	Notch (389)
	TGF beta (973)
Stem Cell Cytokines (304)	Wnt (1,175)
	Other Recombinant Species (13)
	Recombinant Human (185)
	Recombinant Mouse (66)
Stem Cell Marker Panels (4)	Recombinant Rat (40)
	Embryonic Stem Cell Marker Panels (2)
	Mesenchymal Stromal Cell Marker Panels (2)
Embryonic Stem Cells (677)	Cytokines (26)
	Intracellular (426)
	Secreted (45)
	Surface Molecules (180)
Endothelial Progenitors (421)	Endothelial Markers (421)



Alphabetically ordered list of most important antibodies for diagnostic applications

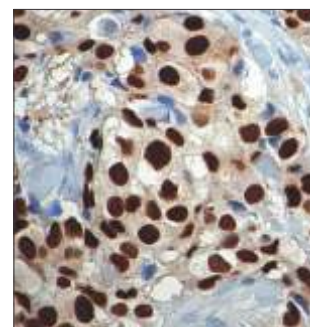
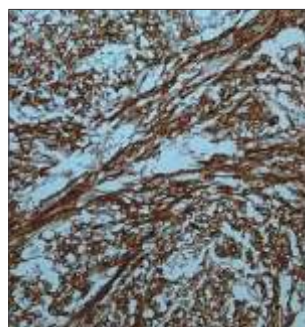
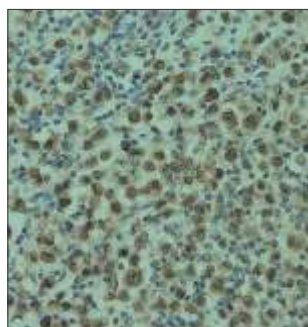
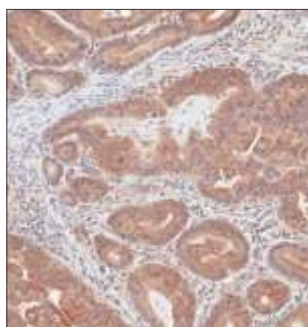
Product name	Description	Tested applications	Reacts with	Product code	Size
Anti-muscle Actin antibody	Mouse monoclonal [HHF35]	IHC-FoFr, IHC-P, IHC-Fr	Human	ab7813	500 µl
Anti-alpha sarcomeric Actin antibody	Mouse monoclonal [Alpha Sr-1]	IHC-Fr, IHC-P, ICC, ICC/IF, WB	Mouse, Rat, Rabbit, Chicken, Human	ab28052	250 µl
Anti-alpha smooth muscle Actin antibody	Mouse monoclonal [1A4]	ELISA, ICC, ICC/IF, IHC-Fr, IHC-P, WB	Mouse, Rat, Human, Pig, Rabbit	ab7817	500 µl
Anti-alpha 1 Fetoprotein antibody	Mouse monoclonal to alpha 1 Fetoprotein	WB, IHC-P, Sandwich ELISA, ICC/IF	Human	ab54745	100 µg
Anti-alpha Lactalbumin antibody	Mouse monoclonal [F20.16]	WB, IHC-Fr, ICC/IF	Human	ab20212	100 µl
Anti-Androgen Receptor antibody [AR 441]	Mouse monoclonal [AR 441]	Flow Cyt, ICC/IF, IHC-P, IHC-Fr, WB	Human	ab9474	250 µl
Anti-Alkaline Phosphatase antibody	Rabbit polyclonal to Alkaline Phosphatase	IHC-P, IHC-Fr, WB	Rat, Human	ab95462	100 µl
Anti-BOB1 antibody	Mouse monoclonal [Wue-AC5]	IHC-P	Mouse, Human	ab31834	100 µl
Anti-Bcl6 antibody	Mouse monoclonal [PG-B6P]	IHC-P	Human	ab17249	500 µl
Anti-Chromogranin A antibody	Mouse monoclonal [LK2H10]	WB, IHC-FoFr, IHC-Fr, IHC-P	Human, Pig	ab8204	1 ml
Anti-CD10 antibody	Mouse monoclonal [56C6]	WB, IHC-P, IHC-Fr	Mouse, Human	ab951	250 µl
Anti-CD31 antibody	Mouse monoclonal [JC/70A]	IHC-Fr, ICC/IF, Flow Cyt, IHC-P	Rabbit, Human, Cynomolgus Monkey	ab9498	500 µl
Anti-CD34 antibody	Mouse monoclonal [QBEND-10]	Flow Cyt, IHC-Fr, IP, IHC-P, WB	Human, Cynomolgus Monkey, Rhesus monkey	ab8536	50 µg
Anti-CD99 antibody	Mouse monoclonal [12E7]	IP, IHC-P, ICC/IF, Flow Cyt	Human	ab8855	250 µl
Anti-c-Kit antibody_CD117	Rabbit polyclonal to c-Kit	IHC-P, ICC/IF, IHC-Fr, ELISA, WB, ICC	Mouse, Human	ab5506	100 µg
Anti-CDX2 antibody	Mouse monoclonal [AMT28]	ICC, IHC-P, ICC/IF	Human	ab15258	500 µl
Anti-CA 125 antibody	Rabbit monoclonal [EPR1020(2)]	WB, IHC-P, ICC	Human	ab110640	100 µl
Anti-CD30 antibody	Mouse monoclonal [Ber-H2]	IHC-P, IHC-Fr	Human	ab871	6 ml
Anti-Carcino Embryonic Antigen CEA antibody	Rabbit polyclonal	Sandwich ELISA, Immunoelectrophoresis, IHC-Fr, IHC-P, ELISA, ICC/IF	Human	ab15987	250 µl
Anti-Collagen IV antibody	Mouse monoclonal [C IV 22]	IHC-P, IHC-Fr	Cow, Human	ab15633	50 µg
Anti-Cytokeratin 7 antibody	Mouse monoclonal [CK-7]	WB, IHC-P, IHC-Fr	Human	ab82253	100 µg
Anti-Cytokeratin 20 antibody	Mouse monoclonal [Ks20.8]	Flow Cyt, WB, IHC-Fr, IHC-P	Human	ab854	500 µl
Anti-CD45RA antibody	Mouse monoclonal [4KB5]	IHC-Fr, IHC-P	Human	ab755	500 µl
Anti-CD45RO antibody	Mouse monoclonal [UCHL1]	IP, IHC-P, IHC-Fr, Flow Cyt	Human	ab77217	50 tests
Anti-CD45 antibody	Mouse monoclonal [PD7/26/16 + 2B11]	IHC-Fr, IHC-P	Human	ab781	500 µl
Anti-CD20 antibody	Mouse monoclonal [L26]	WB, IP, IHC-P, IHC-Fr, ICC/IF	Human	ab9475	250 µl
Anti-CD79a antibody	Mouse monoclonal [HM47/A9]	ICC/IF, IHC-P, WB	Mouse, Rat, Cow, Human, Pig, Monkey	ab3121	500 µl
Anti-CD23 antibody	Rabbit monoclonal [EPR3617(IHC)]	WB, IHC-P, Flow Cyt	Human	ab92495	100 µl
Anti-CD3 antibody	Rabbit polyclonal	IHC-Fr, ELISA, WB, IHC-P, IHC-FoFr, ICC/IF	Mouse, Rat, Human	ab5690	100 µg
Anti-CD2 antibody	Mouse monoclonal [1C5]	WB, IHC-P	Mouse, Rat, Dog, Human	ab139266	100 µl
Anti-CD51 + CD61 antibody	Mouse monoclonal [BV3]	ICC/IF, IHC-P, IHC-Fr, IP, Flow Cyt	Rat, Chicken, Human	ab7166	50 µg
Anti-CD7 antibody	Rabbit monoclonal [EPR4242]	WB, IP, IHC-P, ICC	Human	ab109296	100 µl
Anti-CD56 antibody	Mouse monoclonal [MOC-31]	IHC-P, IHC-Fr, ICC, Flow Cyt	Human	ab134301	50 µl
Anti-CD35 antibody	Mouse monoclonal [Ber-MAC DRC]	IHC-P	Human	ab16720	500 µl
Anti-CD57 antibody	Mouse monoclonal [TB01]	Flow Cyt, IHC-Fr, IHC-P	Human	ab33273	100 µg
Anti-CD4 antibody	Mouse monoclonal [BC/1F6]	ICC/IF, IHC-P, IHC-Fr	Human, Monkey, Baboon	ab846	250 µl
Anti-CD8 antibody	Mouse monoclonal [144B]	IHC-R, WB, IHC-P	Human	ab17147	500 µl

Alphabetically ordered list of most important antibodies for diagnostic applications

Product name	Description	Tested applications	Reacts with	Product code	Size
Anti-CD30 antibody	Mouse monoclonal [CON6D/B5]	IHC-P, ICC/IF, IHC-Fr, ELISA	Human	ab23766	100 µg
Anti-CD15 antibody	Mouse monoclonal [LeuM1]	IHC-P	Human	ab53997	100 µl
Anti-CD68 antibody	Mouse monoclonal [KP1]	ICC/IF, IHC-FoFr, IHC-P, IHC-Fr	Mouse, Human	ab955	500 µl
Anti-CD21 antibody	Rabbit monoclonal [EP3093]	WB, IP, IHC-P, ICC, Flow Cyt, IHC-Fr	Mouse, Human	ab75985	100 µl
Anti-CD11b antibody	Rat monoclonal [M1/70]	IP, ICC/IF, IHC-Fr, Flow Cyt, WB	Mouse, Rabbit, Human	ab8878	100 µg
Anti-Cyclin D1 antibody	Mouse monoclonal [CD1.1]	IHC-P, IHC-Fr, Flow Cyt, WB, IP, ELISA, ICC	Mouse, Rat, Human	ab6152	50 µg
Anti-CD163 antibody	Mouse monoclonal [RM3/1]	Flow Cyt, IHC-P, ELISA, IHC-Fr, WB	Human, Monkey	ab15676	125 µg
Anti-Desmin antibody	Mouse monoclonal [D33]	IHC-FoFr, IHC-Fr, IHC-P, WB, ICC/IF	Rat, Chicken, Hamster, Human	ab8470	1 ml
Anti-E Cadherin antibody	Mouse monoclonal [HECD-1]	ICC, IP, IHC-P, IHC-Fr, ICC/IF, WB	Human	ab1416	500 µl
Anti-EMA antibody	Mouse monoclonal [EMA 201]	IHC-P, IHC-Fr, ICC	Human	ab115978	500 µl
Anti-Estrogen Receptor alpha antibody	Mouse monoclonal [1D5]	Flow Cyt, WB, IHC-P	Human	ab17087	250 µl
Anti-Estrogen Receptor beta antibody [9.88]	Mouse monoclonal [9.88]	Flow Cyt, IHC-P, WB, IP	Mouse, Rat, Human	ab16813	100 µl
Anti-Enterovirus 70 antibody	Mouse monoclonal [2Q1931]	Neutralising, ICC/IF	Enterovirus 70	ab64687	50 µg
Anti-Factor VIII antibody	Mouse monoclonal [GMA-012]	WB, ELISA, IHC-P	Human	ab78852	100 µg
Anti-FLI1 antibody	Rabbit monoclonal [BV4] to FLI1, prediluted	IHC-P, IHC-Fr	Human	ab56178	6 ml
Anti-GCDFP 15 antibody [23A3]	Mouse monoclonal [23A3]	IHC-Fr, IHC-P	Human	ab1319	500 µl
Anti-GFAP antibody	Rabbit polyclonal to GFAP	IHC-P, IHC-Fr, ICC	Mouse, Rat, Sheep, Goat, Guinea pig, Cow, Human, Pig	ab116010	1000 µl
Anti-hCG antibody	Rabbit polyclonal to Hcg	IHC-Fr, IHC-P, WB	Human	ab9376	500 µl
Anti-HHV8 antibody	Rat monoclonal [LN35]	IHC-P, IHC-Fr	Human Herpes virus 8	ab4103	500 µl
Anti-HSV1 + HSV2 antibody, prediluted	Rabbit polyclonal to HSV1 + HSV2	IHC-Fr, IHC-P	It reacts with all the major glycoproteins present in the viral envelope as well as at least one core protein.	ab935	6 ml
Anti-HIV1 p24 antibody	Mouse monoclonal [39/5.4A]	WB, Radioimmunoprecipitation assay, ELISA, ICC/IF, Sandwich ELISA	Human Immunodeficiency Virus Type 1 (HIV 1) p24 protein	ab9071	100 µg
Anti-Hepatitis B Virus Core Antigen antibody	Mouse monoclonal [10-E-11]	IHC-Fr, ELISA, WB, IP	HbCag core antigen	ab18686	100 µg
Anti-HMW Cytokeratin antibody	Mouse monoclonal [34bE12]	IHC-P, IHC-Fr	Human	ab776	500 µl
Anti-Inhibin alpha antibody	Mouse monoclonal [BC/R1]	IHC-P, IHC-Fr	Human	ab724	500 µl
Anti-Ki67 antibody [PP-67] - Proliferation Marker	Mouse monoclonal [PP-67]	ICC/IF, IHC-P, WB, IHC-Fr, Flow Cyt	Human	ab6526	1 ml
Anti-Lysozyme antibody	Mouse monoclonal [BGN/06/961]	IHC-P, WB, ELISA	Mouse, Human	ab36362	100 µg
Anti-Myogenin antibody	Mouse monoclonal [F5D]	ICC/IF, Gel supershift assays, IHC-P, IHC-Fr, IP, WB, IHC-FoFr	Mouse, Rat, Cat, Human, Pig	ab1835	500 µl
Anti-MelanA antibody	Mouse monoclonal [A103]	IHC-P, IHC-Fr, Flow Cyt	Human	ab785	500 µl
Anti-Melanoma antibody	Mouse monoclonal [HMB45]	Flow Cyt, IHC-P, IHC-Fr, ICC/IF	Human	ab787	250 µl
Anti-Mucin 5AC antibody	Mouse monoclonal [45M1]	Flow Cyt, IHC-Fr, ICC/IF, IHC-P, IP, ELISA	Mouse, Human	ab3649	500 µl
Anti-MUC2 antibody	Mouse monoclonal [996/1]	ICC/IF, Flow Cyt, IHC-Fr, IHC-P, WB	Mouse, Human	ab11197	100 µg
Anti-MUM1 antibody	Mouse monoclonal [MUM1p]	IHC-P	Human	ab12501	500 µl
Anti-Myeloperoxidase antibody	Mouse monoclonal [2C7]	ICC/IF, IHC-Fr, IHC-P, ELISA, WB, Flow Cyt	Human	ab25989	100 µg
Anti-MUC1 antibody	Mouse monoclonal [HMFg1 (aka 1.10.F3)]	Flow Cyt, ICC, WB, ELISA, IHC-P, IHC-Fr	Human	ab70475	100 µg

Alphabetically ordered list of most important antibodies for diagnostic applications

Product name	Description	Tested applications	Reacts with	Product code	Size
Anti-Oct2 antibody [3E3-6F9]	Mouse monoclonal [3E3-6F9]	WB, IHC-P	Human	ab117724	50 µg
Anti-Oct4 antibody	Rabbit polyclonal	IHC-Fr, WB, IP, ICC/IF, Flow Cyt, IHC-P	Mouse, Rat, Cow, Human, Pig	ab18976	100 µg
Anti-pan Cytokeratin antibody	Mouse monoclonal [AE1/AE3]	IHC-P, IHC-Fr	Mouse, Human, Pig, Macaque Monkey	ab27988	500 µl
Anti-Prostate Specific Antigen antibody	Mouse monoclonal [8301]	ELISA, RIA, IHC-P	Human	ab403	200 µg
Anti-p16 ARC antibody	Mouse monoclonal [2G1]	WB, IHC-P	Human	ab140374	100 µl
Anti-p53 antibody	Mouse monoclonal [PAB 1801]	ICC/IF, Flow Cyt, WB, IP, ELISA, IHC-P, RIA, IHC-Fr	Rat, Human	ab28	100 µg
Anti-p63 antibody	Mouse monoclonal [4E5]	Flow Cyt, WB, ELISA, IHC-P	Mouse, Rat, Human	ab110038	100 µl
Anti-Placental alkaline phosphatase (PLAP) antibody	Mouse monoclonal [8B6]	ELISA, IHC-P, RIA, IHC-Fr	Human	ab33	100 µg
Anti-Prostatic Acid Phosphatase antibody	Mouse monoclonal [PASE/4LJ] to Prostatic Acid Phosphatase, prediluted	IHC-P, IHC-Fr	Human	ab915	6 ml
Anti-PAX5 antibody	Mouse monoclonal [8F9]	WB, ELISA, IHC-P	Human	ab117705	50 µg
Anti-Parvovirus antibody	Mouse monoclonal [R92F6]	IHC-Fr, IHC-P	Reacts with Human parvovirus B19.	ab50804	500 µg
Anti-Papillomavirus type (6, 11, 18)	Mouse monoclonal [4C4]	IHC-Fr, IHC-P	Human Papillomavirus (HPV)	ab49491	1000 µg
Anti-S100 beta antibody	Rabbit monoclonal [EP1576Y]	ICC/IF, WB, IP, IHC-P	Mouse, Rat, Human, Macaque Monkey	ab52642	100 µl
Anti-Serine racemase antibody	Mouse monoclonal [7E8]	WB, IHC-P, Flow Cyt, ICC/IF	Human	ab123894	100 µl
Anti-Synaptophysin antibody	Mouse monoclonal [SY38]	WB, Flow Cyt, ICC/IF, IHC-Fr, IHC-P	Mouse, Rat, Hamster, Cow, Human	ab8049	500 µl
Anti-Syndecan antibody	Mouse monoclonal [B-A38]	ICC/IF, WB, IHC-Fr, Flow Cyt, IHC-P, IHC-FoFr Functional Studies	Mouse, Rat, Human	ab34164	50 µg
Anti-Thyroglobulin antibody	Mouse monoclonal [DAK-Tg6]	IHC-P, WB	Human	ab16860	500 µl
Anti-TAG72 antibody	Mouse monoclonal [B72.3]	IHC-P, IHC-Fr	Rat, Hamster, Human	ab691	500 µl
Anti-TTF1 antibody	Mouse monoclonal [8G7G3/1]	IHC-P, Flow Cyt	Mouse, Rat, Human	ab72876	500 µl
Anti-TdT antibody	Mouse monoclonal [41C]	IHC-P, ELISA, WB	Human	ab68886	100 µl
Anti-Vimentin antibody	Mouse monoclonal [V9]	ICC/IF, Flow Cyt, IHC-FoFr, IHC-P, IHC-Fr, WB	Rat, Horse, Chicken, Cow, Cat, Dog, Human, Pig	ab8069	100 µg
Anti-Vimentin antibody	Mouse monoclonal [Vim 3B4]	ICC/IF, IP, WB, ICC, IHC-Fr, IHC-P	Mouse, Rat, Rabbit, Horse, Chicken, Hamster, Cow, Dog, Human, Xenopus laevis	ab28028	250 µl
Anti-wide spectrum Cytokeratin antibody	Rabbit polyclonal to wide spectrum Cytokeratin	WB, IHC-P, IHC-Fr, ICC/IF, ICC	Mouse, Cow, Dog, Human	ab9377	500 µl
Anti-Wilms Tumor Protein antibody	Mouse monoclonal [6F-H2]	IHC-P	Human	ab93050	500 µl



Product name	Size/description	Product code
Mouse and Rabbit specific kits		
EXPOSE Mouse and Rabbit specific HRP/DAB detection IHC kit	15mL	ab60436
EXPOSE Mouse and Rabbit specific HRP/DAB detection IHC kit	60mL	ab94710
EXPOSE Mouse and Rabbit specific HRP/DAB detection IHC kit	125mL	ab94709
EXPOSE Mouse and Rabbit specific HRP/AEC detection IHC kit	15mL	ab93686
EXPOSE Mouse and Rabbit specific HRP/AEC detection IHC kit	60mL	ab94705
EXPOSE Mouse and Rabbit specific HRP/AEC detection IHC kit	125mL	ab94706
EXPOSE Mouse and Rabbit specific AP (red) detection IHC kit	15mL	ab94734
EXPOSE Mouse and Rabbit specific AP (red) detection IHC kit	60mL	ab94735
EXPOSE Mouse and Rabbit specific AP (red) detection IHC kit	125mL	ab94736
EXPOSE Mouse and Rabbit specific HRP/DAB or AEC compatible detection IHC kit	1L	ab93702
Rabbit specific kits		
EXPOSE Rabbit specific HRP/DAB detection IHC kit	15mL	ab60437
EXPOSE Rabbit specific HRP/DAB detection IHC kit	60mL	ab94726
EXPOSE Rabbit specific HRP/DAB detection IHC kit	125mL	ab94727
EXPOSE Rabbit specific HRP/AEC detection IHC Kit	15mL	ab94361
EXPOSE Rabbit specific HRP/AEC detection IHC Kit	60mL	ab94728
EXPOSE Rabbit specific HRP/AEC detection IHC Kit	125mL	ab94729
EXPOSE Rabbit specific AP (red) detection IHC kit	15mL	ab94737
EXPOSE Rabbit specific AP (red) detection IHC kit	60mL	ab94738
EXPOSE Rabbit specific AP (red) detection IHC kit	125mL	ab94739
Mouse specific kits		
EXPOSE Mouse specific AP (red) detection IHC kit	15mL	ab94740
EXPOSE Mouse specific AP (red) detection IHC kit	60mL	ab94743
EXPOSE Mouse specific AP (red) detection IHC kit	125mL	ab94747

EXPOSE IHC detection systems

Kits and reagents	Product	Datashet www.abcam.com
Chromogens and enhancers		
Alkaline Phosphatase chromogen (BCIP/TNBT)		ab7413
Alkaline Phosphatase chromogen (BCIP/NBT) - Ready to Use		ab7468
Liquid Fast-Red Substrate Kit		ab64294
Fast-Red Substrate Kit		ab64253
DAB Substrate Kit		ab64238
Alkaline Phosphatase Enhancer		ab671
DAB Enhancer		ab675
Buffers		
20x PBS Buffer pH 7.5		ab6426
20x PBS Buffer with Tween 20		ab6428
25x Tris Buffered Saline Solution (pH 7.4)		ab64203
20x Tris Buffered Saline and Tween 20		ab64204
10x Tris Buffer pH 10.0		ab64222
Heat mediated antigen retrieval solutions		
Heat Mediated High pH Antigen Retrieval Solution		ab972
10x Heat Mediated Antigen Retrieval Solution pH 6.0		ab973
10x Citrate Buffer pH 6.0		ab64214
10x EDTA Buffer pH 8.0		ab6421
Enzymatic antigen retrieval solutions		
Trypsin Enzymatic Pre-treatment Kit		ab64205
Peppin Solution		ab64201
Trypsin Enzymatic Antigen Retrieval Solution		ab970
General reagents		
Antibody Diluent		ab64211
Mounting Medium		ab64230
Detection kits and reagents		
Anti Mouse HRP/DAB Detection Kit		ab64259
Anti Rabbit HRP/DAB Detection Kit		ab64281
Anti Mouse & Rabbit HRP/DAB Detection Kit		ab64264
Peroxidase anti-Peroxidase complex / PAP antibody		ab28054
Peroxidase anti-Peroxidase complex / PAP antibody		ab28053
Alkaline Phosphatase conjugated Streptavidin		ab64271
Peroxidase conjugated Streptavidin		ab64232
Polyvalent HRP Polymer Detection System (Ready To Use)		ab65319
Biotinylated Goat Anti Rabbit IgG (pHL) (Ready to use)		ab64256
Biotinylated Goat anti Mouse IgG (pHL) (Ready to Use)		ab64295
Anti Polyvalent AP Liquid Red Polymer Detection Kit		ab64267
Blocking reagents and serums		
Donkey Serum		ab7475
Chicken Serum (sterile)		ab7477
Mouse Serum (sterile)		ab7486
Goat Serum		ab7481
Rat Serum (sterile)		ab7486
Rabbit Serum (sterile)		ab7487
Bovine Calf Serum (sterile)		ab7479
Sheep Serum (sterile)		ab7480
Guinea Pig Serum (sterile)		ab7482
Endogenous Avidin/Biotin Blocking Kit		ab64212
Protein Block		ab6428
Endogenous Avidin + Biotin Blocking System		ab6387
Hydrogen Peroxide Blocking Reagent		ab64218

IHC Kits and reagents

Abcam gold-conjugated secondaries for superior EM results

Gold particles can be used to label primary antibodies for identifying surface antigens in direct assays. However, they are mainly used as secondary antibody labels in applications such as TEM and SEM.

Abbreviations

ELISA Enzyme-linked immunosorbent assay
EM Electron microscopy
IF Immunofluorescence
SEM Scanning electron microscopy
TEM Transmission electron microscopy
WB Western blotting

Raised in Donkey

Target species	Purification	1.4	5	6	10	12	15	18	20	25	30	40
		Gold particle size (nm)										
Chicken IgY	Affinity purified	-	-	-	-	-	-	-	-	-	-	-
	Pre-adsorbed	-	-	-	-	-	-	-	-	-	-	-
Goat IgG	Affinity purified	-	-	-	ab11003	-	-	-	-	-	-	-
	Pre-adsorbed	-	-	-	-	-	-	-	-	-	-	-
Guinea-pig IgG	Affinity purified	-	-	ab105268	-	-	-	-	-	ab110153	-	-
	Pre-adsorbed	-	-	-	-	-	-	-	-	-	-	-
Mouse IgG	Affinity purified	-	-	ab105271, ab105273	-	-	-	-	-	-	-	-
	Pre-adsorbed	-	-	ab105271, ab105273	ab105273	-	-	-	-	-	-	-
Rabbit IgG	Affinity purified	-	-	ab105276	-	-	-	-	-	-	-	-
	Pre-adsorbed	-	-	ab105276	ab105276	-	-	-	-	-	-	-
Sheep IgG	Affinity purified	-	-	ab105294	-	-	-	-	-	ab110154	-	-
	Pre-adsorbed	-	-	ab105307	ab105307	-	-	-	-	-	-	-

Raised in Goat

Target species	Purification	1.4	5	6	10	12	15	18	20	25	30	40
		Gold particle size (nm)										
Chicken IgY	Affinity purified	-	-	-	-	-	-	-	-	-	-	-
	Pre-adsorbed	-	-	ab105294	-	-	-	-	-	-	-	-
Guinea-pig IgG	Affinity purified	-	ab105276, ab105278, ab105279	-	-	-	-	-	-	-	-	-
	Pre-adsorbed	-	-	-	-	-	-	-	-	-	-	-
Human IgG	Affinity purified	-	-	ab105274	-	-	-	-	-	-	-	-
	Pre-adsorbed	-	-	-	-	-	-	-	-	-	-	-
Mouse IgG	Affinity purified	-	-	ab105274, ab105276	-	-	-	-	-	-	-	-
	Pre-adsorbed	-	-	-	-	-	-	-	-	-	-	-
Rabbit IgG	Affinity purified	-	-	ab105276, ab105278, ab105279	-	-	-	-	-	-	-	-
	Pre-adsorbed	-	-	-	-	-	-	-	-	-	-	-
Rat IgG	Affinity purified	-	-	ab105207	-	-	-	-	-	-	-	-
	Pre-adsorbed	-	-	-	-	-	-	-	-	-	-	-
Sheep IgG	Affinity purified	-	-	ab105300	-	-	-	-	-	-	-	-
	Pre-adsorbed	-	-	-	-	-	-	-	-	-	-	-

Raised in Rabbit

Target species	Purification	1.4	5	6	10	12	15	18	20	25	30	40
		Gold particle size (nm)										
Chicken IgY	Affinity purified	-	-	ab100017	-	-	-	-	-	-	-	-
	Pre-adsorbed	-	-	-	-	-	-	-	-	-	-	-
Goat IgG	Affinity purified	-	ab105217	-	-	-	-	-	-	-	-	-
	Pre-adsorbed	-	-	-	-	-	-	-	-	-	-	-
Sheep IgG	Affinity purified	-	-	ab105254	-	-	-	-	-	-	-	-
	Pre-adsorbed	-	-	-	-	-	-	-	-	-	-	-

Key: ■ EM ■ EM, WB ■ ELISA, EM ■ ELISA, EM, WB ■ EM, IF, WB

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دفتر ایالات متحده امریکا (GMT-05:00)

5420 | Shelbrooke Drive | Stroudsburg | PA | 18360
Fax: +1 570-424-8665 | Tel: +1 570-424-8662

دفتر بریتانیا (GMT+0:00)

140 Great Western Street | Manchester | M14 4SN | UK
Fax: +44(161)86 80 414 | Tel: +44(161)20 99 111
Tel: +44(161)20 99 666

www.arkzakaria.com

