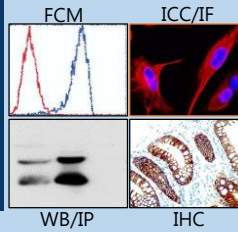


# iReal Antibodies



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Catalog	Target name	Area	Host	Reactivity	App
IR3-8	GAPDH	Loading control	Rabbit	H,M,R	WB, IF, IHC
IR5-11	Lamin B1	Loading control	Rabbit	H,M,R	WB, IF
IR1-2	Beta-tubulin	Loading control	Rabbit	H,M,R	WB, IF
IR4-10	Histone H3	Loading control	Rabbit	H,M,R	WB, IF, IHC
IR1-2-2	Vinculin	Loading control	Rabbit	H,M,R	WB, IF
IR2-7	Beta-actin	Loading control	Rabbit	H,M,R	WB, IF, IHC
IR16-2	VDAC1 / Porin	Loading control	Rabbit	H,M,R	WB, IF, IHC
IRM001	Alpha-tubulin [2-4D-8D] monoclonal	Loading control	Mouse	H,M,R	WB, IF
IRT001	HA tag	Tag control	Rabbit	-	WB, IP
IRT002	His tag	Tag control	Rabbit	-	WB, IP
IRT003	DYKDDDDK Tag (same epitope as Sigma's Anti-FLAG® M2)	Tag control	Rabbit	-	WB
IRT008	GST tag [6D] monoclonal	Tag control	Mouse	H,M,R	WB
IRBS4012	Goat anti-rabbit IgG (H+L), HRP conjugate	Secondary Ab-HRP	Goat	Anti-Rab	WB, ELISA
IRBS4032	Goat anti-rat IgG (H+L), HRP conjugate	Secondary Ab-HRP	Goat	Anti-Rat	WB, ELISA
IRBS4022	Goat anti-mouse IgG (H+L), HRP conjugate	Secondary Ab-HRP	Goat	Anti-Mus	WB, ELISA
IR115-286	Cyclin A2	Cell cycle	Rabbit	H,M	WB, IF, IHC
IR116-289	Cyclin B1	Cell cycle	Rabbit	H	WB, IF, IHC
IR117-294	Cyclin D1	Cell cycle	Rabbit	H,M,R	WB, IF, IHC
IR119-300	Cyclin E1	Cell cycle	Rabbit	H	WB, IF, IHC
IR122-312	p21 Waf1 / Cip1	Cell cycle	Rabbit	H,M,R	WB, IF, IHC
IR123-314	p27 Kip1	Cell cycle	Rabbit	H	WB, IF
IR157-621	Chk2	Cell cycle / DNA damage	Rabbit	H,M,R	WB
IR125-508	CDK2	Cell cycle	Rabbit	H,M,R	WB
IR292-962	COL1A1 / Collagen I	ECM Profiling / EMT	Rabbit	H, M, R	WB, IF, IHC
IR45-137	Vimentin	EMT	Rabbit	H,M,R	WB, IF, IHC, IP
IR49-149	Beta-catenin	EMT	Rabbit	H,M,R	WB, IF, IHC
IR55-179	E-cadherin (Extracellular)	EMT	Rabbit	H	WB, IF, IHC
IR55-180	E-cadherin (Intracellular)	EMT	Rabbit	H,M	WB, IF, IHC
IR46-143	N-cadherin (Extracellular)	EMT	Rabbit	H,M,R	WB, IF, IHC, FC
IR48-147	Fibronectin 1 / FN1 (N-term)	EMT	Rabbit	H,M,R	WB, IF, IHC
IR48-138	Fibronectin 1 / FN1 (C-term)	EMT	Rabbit	H,M,R	WB, IF, IHC
IR56-184	ZO-1 / TJP1	EMT	Rabbit	H,M,R	WB, IF, IHC
IR47-146	α-Smooth Muscle Actin	EMT	Rabbit	H,M,R	WB, IF, IHC
IR50-154	SNAIL	EMT	Rabbit	H,M	WB, IF, IHC
IR53-167	ZEB1	EMT	Rabbit	H,M,R	WB, IF
IR57-193	OCLN / occludin	EMT	Rabbit	H,M,R	WB, IF, IHC-Fr
IR108-442	VEGF	Angiogenesis	Rabbit	H,M,R	WB, IF, IHC
IR112-457	TGF beta 1	Angiogenesis	Rabbit	H,M,R	WB, IF, IHC
IR113-466	HIF1A / HIF-1 alpha	Angiogenesis	Rabbit	H,M,R	WB, IF, IHC
IR289-955	CTGF	Angiogenesis / Fibrosis	Rabbit	H,M,R	WB, IF, IHC
IR81-279	VEGFR2 / KDR / CD309	Angiogenesis	Rabbit	H,M,R	WB, IF, IHC
IR84-366	LC3B	Autophagy	Rabbit	H,M,R	WB, IF, IHC
IR91-384	SQSTM1 / P62	Autophagy	Rabbit	H,M,R	WB, IF, IHC
IR211-769	EGFR	Breast Cancer Biomarker	Rabbit	H,M,R	WB, IF, IHC
IRST002	EGFR (Extracellular)	Breast Cancer Biomarker	Rabbit	H	WB, IHC
IR210-763	HER2 / ERBB2	Breast Cancer Biomarker	Rabbit	H,M,R	WB, IF, IHC
IR213-777	ESR1 / Estrogen receptor alpha	Breast Cancer Biomarker	Rabbit	H,M,R	WB, IHC
IR215-787	PGR / Progesterone Receptor	Breast Cancer Biomarker	Rabbit	H,M,R	WB, IHC
IR127-515	IRE1α / ERN1	ER stress	Rabbit	H,M,R	WB, IF, IHC
IR133-535	eIF2α / EIF2S1	ER stress	Rabbit	H, R	WB, IF
IR136-543	NFE2L2 / NRF2	ER stress	Rabbit	H,M,R	WB, IF, IHC
IR132-533	ATF6	ER stress	Rabbit	H,M,R	WB, IF, IHC
IR129-522	CHOP / GADD153 / DDIT3	ER stress	Rabbit	H,M,R	WB, IF, IHC
IR135-538	PERK / EIF2AK3	ER stress	Rabbit	H,M	WB, IF, IHC
IR130-525	BiP / GRP78	ER stress	Rabbit	H,M,R	WB, IF, IHC
IR131-528	XBP1	ER stress	Rabbit	H,M,R	WB
IR94-392	BCL2	Apoptosis	Rabbit	H,M,R	WB, IF, IHC
IR93-390	BAX	Apoptosis	Rabbit	H,M,R	WB, IF, IHC
IR93-389	BAX	Apoptosis	Rabbit	H,M,R	WB, IF, IHC
IR96-401	Caspase-3 cleaved p17/19	Apoptosis / Caspase	Rabbit	H,M,R	WB, IF, IHC
IR99-409	Caspase-8 Cleaved	Apoptosis / Caspase	Rabbit	H	WB, IF, IHC
IR100-414	Caspase-9 cleaved Asp315	Apoptosis / Caspase	Rabbit	H	WB, IF, IHC
IR95-397	Caspase-1 Cleaved Asp297	Apoptosis / Caspase	Rabbit	H	WB, IF

IR100-410	Caspase 9 cleaved Asp330	Apoptosis / Caspase	Rabbit	H	WB
IR102-426	Survivin / BIRC5	Apoptosis	Rabbit	H,M,R	WB, IF, IHC
IR101-420	cleaved PARP Asp214	Apoptosis	Rabbit	H,M,R	WB, IF, IHC
IR101-421	PARP1	Apoptosis	Rabbit	H,M,R	WB, IF, IHC
IR105-435	Cytochrome C / CYCS	Apoptosis	Rabbit	H,M,R	WB, IF, IHC
IR109-446	COX2 / PTGS2	Inflammation	Rabbit	H,M,R	WB, IF, IHC
IR231-856	iNOS / NOS2	Inflammation	Rabbit	H,M,R	WB, IF, IHC
IR114-473	IL-1 beta	Inflammation	Rabbit	H,M,R	WB, IF, IHC
IR74-P1	IL-6	Inflammation	Rabbit	H	WB, IF, IHC
IR106-P2	TNF alpha	Inflammation	Rabbit	H,M	WB, IF, IHC
IR205-742	p63	Cancer Biomarker	Rabbit	H,M,R	WB, IF, IHC
IR297-2	ST3GAL1 / SIAT4A	Cancer Biomarker / Sialylation	Rabbit	H,M,R	WB
IR219-807	MET / C-MET / HGFR	Cancer Biomarker	Rabbit	H,M,R	WB, IF, IHC
IR212-772	KI-67 / MKI67	Cancer Biomarker	Rabbit	H	WB, IF, IHC
IR222-861	Pan-Cytokeratin, Pan-CK	Cancer Biomarker	Rabbit	H	WB, IF, IHC, FC
IR222-861-FITC	Pan-Cytokeratin, Pan-CK, FITC conjugate	Cancer Biomarker	Rabbit	H	CTC, IF, FC
IR222-861-F647	Pan-Cytokeratin, HiLyte Fluor647	Cancer Biomarker	Rabbit	H	CTC, IF, FC
IR226-865	Cytokeratin 5/6, CK5/6	Cancer Biomarker	Rabbit	H	WB, IF, IHC
IR228-868	Cytokeratin 7, CK7	Cancer Biomarker	Rabbit	H	WB, IF, IHC
IR235-880	Cytokeratin 14/17, CK14/17	Cancer Biomarker	Rabbit	H	WB, IF, IHC
IR236-890	Cytokeratin 18/19, CK18/19	Cancer Biomarker	Rabbit	H	WB, IF, IHC
IR238-892	Cytokeratin 20, CK20	Cancer Biomarker	Rabbit	H	WB, IF, IHC
IR229-871	Cytokeratin 8, CK8	Cancer Biomarker	Rabbit	H,M,R	WB, IF, IHC
IR227-867	Cytokeratin 7/8, CK7/8	Cancer Biomarker	Rabbit	H,M,R	WB, IHC
IR223-862	Cytokeratin 8/18, CK8/18	Cancer Biomarker	Rabbit	H,M,R	WB, IHC
IR237-891	Cytokeratin 8/18/19, CK8/18/19	Cancer Biomarker	Rabbit	H,M,R	WB, IHC
IRCP005	GON4L	Cancer Biomarker	Rabbit	H	WB, IF, IHC
IR218-1	EpCAM / CD326 (Intracellular domain)	Cancer Biomarker / EMT / CSC	Rabbit	H,M,R	WB, IF, IHC
IR218-3	EpCAM / CD326 (Extracellular domain)	Cancer Biomarker / EMT / CSC	Rabbit	H	WB, IF, IHC
IR218-3-PE	EpCAM (Extracellular), PE conjugate	Cancer Biomarker / EMT / CSC	Rabbit	H	CTC, IF, FC
IR218-3-F647	EpCAM (Extracellular), HiLyte Fluor647	Cancer Biomarker / EMT / CSC	Rabbit	H	CTC, IF, FC
IR218-3-FITC	EpCAM (Extracellular), FITC conjugate	Cancer Biomarker / EMT / CSC	Rabbit	H	CTC, IF, FC
IR218-3-Bio	EpCAM (Extracellular), Biotinylated	Cancer Biomarker / EMT / CSC	Rabbit	H	CTC
IR208-752	CD44	Cancer Stem Cell (CSC)	Rabbit	H,M,R	WB, IF, IHC
IR30-78	CD133 / Prominin-1 (IHC only), Extracellular	Cancer Stem Cell (CSC)	Rabbit	H	IHC
IR30-79	CD133 / Prominin-1 (Intracellular domain)	Cancer Stem Cell (CSC)	Rabbit	H,M,R	WB, IF, IHC
IR208-752-F647	CD44, HiLyte Fluor647	Cancer Stem Cell (CSC)	Rabbit	H,M,R	IF, FC
IR208-752-FITC	CD44, FITC conjugate	Cancer Stem Cell (CSC)	Rabbit	H,M,R	IF, FC
IR75-257	CD31 / PECAM1 (Extracellular)	Endothelial marker	Rabbit	H	WB, IHC
IR76-259	CD34	Endothelial marker	Rabbit	H,M,R	WB, IF, IHC
IR82-282	eNOS / NOS3	Endothelial marker	Rabbit	H,M,R	WB, IF, IHC
IR78-268	ICAM-1 / CD54 (Extracellular)	Endothelial marker	Rabbit	H	WB, IF, IHC
IR79-272	VCAM-1 / CD106 (Extracellular)	Endothelial marker	Rabbit	H,M	WB, IF, IHC
IR300-981	CD9	Exosome Biomarker	Rabbit	H,M,R	WB, IF, IHC
IR301-983	CD63	Exosome Biomarker	Rabbit	H	WB, IF, IHC
IR303-988	Alix	Exosome Biomarker	Rabbit	H,M,R	WB, IF, IHC
IR300-981-Bio	CD9, Biotinylated	Exosome Biomarker	Rabbit	H,M,R	CTC
IR301-983-Bio	CD63, Biotinylated	Exosome Biomarker	Rabbit	H	CTC
IR303-988-FITC	ALIX, FITC conjugate	Exosome Biomarker	Rabbit	H,M,R	IF, FC
IR58-200	FAK / PTK2	Focal adhesion	Rabbit	H,M,R	WB, IF, IHC
IR60-205	Paxillin	Focal adhesion	Rabbit	H,M,R	WB, IF, IHC
IR239-895	Syndecan-1 / CD138 Extracellular domain	Immune cell / MM cell marker	Rabbit	H,M	WB, IF, IHC
IR239-896	CD138 / Syndecan-1 (IHC prefer), Extracellular	Immune cell / MM cell marker	Rabbit	H	WB, IF, IHC
IR239-896-FITC	CD138 / Syndecan-1 (Extracellular) FITC conjugate	Immune cell / MM cell marker	Rabbit	H	IF, FC
IR77-263	CD45 (Extracellular)	Immune cell / Leukocyte marker	Rabbit	H,M	WB, IF, IHC, FC
IR77-264	CD45 (Intracellular)	Immune cell / Leukocyte marker	Rabbit	H	WB, IF, IHC, FC
IR77-263-PE	CD45 (Extracellular), PE conjugate	Immune cell / Leukocyte marker	Rabbit	H,M	CTC, IF, FC
IR77-264-PE	CD45 (Intracellular), PE conjugate	Immune cell / Leukocyte marker	Rabbit	H	CTC, IF, FC
IR77-263-F647	CD45 (Extracellular), HiLyte Fluor647	Immune cell / Leukocyte marker	Rabbit	H,M	CTC, IF, FC
IR77-263-FITC	CD45 (Extracellular), FITC conjugate	Immune cell / Leukocyte marker	Rabbit	H,M	CTC, IF, FC
IRM005	PD1 / CD279, monoclonal	Immune cell / Immune Checkpoints	Mouse	H	WB, IF, IHC, FC
IR254-903	CD16	Immune cell / NK cell marker	Rabbit	H	FC
IR255-907	CD56 / NCAM1	Immune cell / NK cell marker	Rabbit	H,M,R	WB
IR253-901	CD19	Immune cell / B cell marker	Rabbit	H	WB, IF, IHC, FC
IR250-898	CD4	Immune cell / T cell marker	Rabbit	H	WB, IF, IHC, FC
IRR002	CD4 (mouse specific), monoclonal	Immune cell / T cell marker	Rat	M	FC, IF
IR251-890	CD8	Immune cell / T cell marker	Rabbit	H	WB, IF, IHC, FC
IR252-897	CD3	Immune cell / T cell marker	Rabbit	H	WB, IF, IHC, FC
IRR001	CD3 (mouse specific), monoclonal	Immune cell / T cell marker	Rat	M	FC, IF, IHC
IR252-897-F647	CD3, HiLyte Fluor647	Immune cell / T cell marker	Rabbit	H	IF, FC
IR252-897-FITC	CD3, FITC conjugate	Immune cell / T cell marker	Rabbit	H	IF, FC
IR323-1016	Toll-like Receptor 3 / TLR3	Innate immune	Rabbit	H,M,R	WB, IF, IHC
IR324-1020	Toll-like Receptor 4 / TLR4	Innate immune	Rabbit	H,M,R	WB, IF, IHC

IR327-1032	Toll-like Receptor 7 / TLR7	Innate immune	Rabbit	H,M,R	WB, IF, IHC
IRST003	SARS-CoV-2 (COVID-19) Spike	Infectious disease	Rabbit	Vir	WB, IF, Neutralizing
IRCR007	SARS-CoV-2 (COVID-19) nucleocapsid	Infectious disease	Rabbit	Vir	WB, IF, Neutralizing
IRV002	Enterovirus 71 / EV71	Infectious disease	Rabbit	Vir	WB
IRV005	Dengue virus NS1	Infectious disease	Rabbit	Vir	WB, IF
IRV006	Influenza A Virus Nucleoprotein	Infectious disease	Rabbit	Vir	WB
IRV007	Influenza B Virus Nucleoprotein	Infectious disease	Rabbit	Vir	WB
IRV001	Influenza A Virus Nucleoprotein	Infectious disease	Rabbit	Vir	WB
IR70-234	MMP9	MMP remodeling	Rabbit	H	WB, IF, IHC
IR67-227	MMP2	MMP remodeling	Rabbit	H,M,R	WB, IF, IHC
IR66-225	MMP1	MMP remodeling	Rabbit	H, R	WB, IF, IHC
IR71-245	MMP14 / MT1-MMP	MMP remodeling	Rabbit	H,M,R	WB, IF, IHC
IR68-229	MMP3	MMP remodeling	Rabbit	H	WB, IF
IR72-249	TIMP1	MMP remodeling	Rabbit	H,M,R	WB, IF, IHC
IR8-23	Nestin / NES	Neuroscience	Rabbit	H,M,R	WB, IF, IHC
IR13-36	AIF / Iba1	Neuroscience	Rabbit	H,M,R	WB, IF, IHC-P, IHC(Fr)
IR7-21	NOTCH1	Neuroscience	Rabbit	H,M,R	WB, IF
IR11-31	Beta Tubulin 3 / Tuj1	Neuroscience	Rabbit	H,M,R	WB, IF, IHC-P, IHC(Fr)
IR12-33	MAP2	Neuroscience	Rabbit	H,M,R	WB, IF, IHC
IR14-38	BDNF	Neuroscience	Rabbit	H,M,R	WB, IF, IHC
IR15-44	GFAP	Neuroscience	Rabbit	H,M,R	WB, IF, IHC-P, IHC(Fr)
IR21-57	Neurofilament H / NF H	Neuroscience	Rabbit	H,M,R	WB, IF, IHC-P, IHC(Fr)
IR23-P1	Neurofilament L / NF L	Neuroscience	Rabbit	H,M,R	WB, IF, IHC-P
IR23-P2	Neurofilament L / NF L	Neuroscience	Rabbit	H,M,R	WB, IF, IHC-P
IR43-128	Alpha-synuclein / SNCA	Neuroscience	Rabbit	H,M,R	WB, IF, IHC(Fr)
IR11-26	SOX2	Neuroscience	Rabbit	H,M,R	WB, IF, IHC(Fr)
IR38-119	LRRK2	Neuroscience	Rabbit	H,M,R	WB, IF, IHC-P
IR44-131	Huntingtin	Neuroscience	Rabbit	H,M,R	WB, IF
IR20-56	NeuN	Neuroscience	Rabbit	H,M,R	WB, IF
IR39-123	Tau	Neuroscience / AD Biomarker	Rabbit	H,M,R	WB, IF, IHC-P, IHC(Fr)
IR41-124	Phospho-Tau (Thr181)	Neuroscience / AD Biomarker	Rabbit	H,M,R	WB, IF, IHC(Fr)
IR42-126	Phospho-Tau (Thr217)	Neuro AD Biomarker	Rabbit	H,M,R	WB, ELISA
IR6-17	PAX6	Neuroscience / Stem Cell	Rabbit	H,M,R	WB, IF, IHC
IR24-12	NaK ATPase alpha 1 / ATP1A1	Organelle / Plasma membrane	Rabbit	H,M,R	WB, IF, IHC
IR8-3	EEA1	Organelle / Endosome Marker	Rabbit	H,M,R	WB, IF
IRM002	PCNA, monoclonal	Organelle / Nuclear Marker	Mouse	H,M,R	WB, IHC
IRM003	LAMP2 / CD107b, monoclonal	Organelle / Lysosome Marker	Mouse	H	WB, IF, IHC
IRR003	RUNX2 , monoclonal	Development / Osteoblastogenesis	Rat	H,M	WB
IRCP014	Mullerian Hormone / AMH	Development / Hormone	Rabbit	H,M,R	WB, IHC, ELISA
IRCP011	FNDC5 / irisin	Development / Osteoblastogenesis	Rabbit	H,M,R	WB
IR306-909	L-selectin   CD62L	Adhesion & Migration	Rabbit	H,M,R	WB
IR307-912	P-selectin   CD62P	Adhesion & Migration / Cardiovascular	Rabbit	H,M,R	WB
IR308-917	E-selectin   CD62E	Adhesion & Migration / Cardiovascular	Rabbit	H,M,R	WB
IR293-964	Troponin T, cardiac	Cardiovascular	Rabbit	H,M,R	WB, IHC
IR295-1	Tissue Factor / CD142 extracellular	Cardiovascular	Rabbit	H	WB
IR295-2	Tissue Factor / CD142	Cardiovascular	Rabbit	H	WB
IRM006	Desmin, monoclonal	Cardiovascular	Mouse	H,M,R	WB, IF, IHC
IR294-967	Troponin I, cardiac	Cardiovascular	Rabbit	H,M,R	WB, IHC
IR171-666	Akt1+2+3 / Pan-AKT	Signaling	Rabbit	H,M,R	WB, IF
IR187-705	ERK1+2	Signaling	Rabbit	H,M,R	WB, IF
IR188-706	Phospho ERK1+2 (Thr202/Tyr204)	Signaling	Rabbit	H,M,R	WB
IR333-1045	STAT3	Signaling	Rabbit	H,M,R	WB
IRM004	STAT3 Phospho (Tyr705), monoclonal	Signaling	Mouse	H,M,R	WB
IR137-549	NF-κB p65 / RelA	Signaling	Rabbit	H,M	WB
IR172-668	Phospho-AKT (Ser473)	Signaling	Rabbit	H,M,R	WB
IR145-580	IKB alpha / NFKBIA	Signaling	Rabbit	H,M,R	WB, IF, IHC



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