

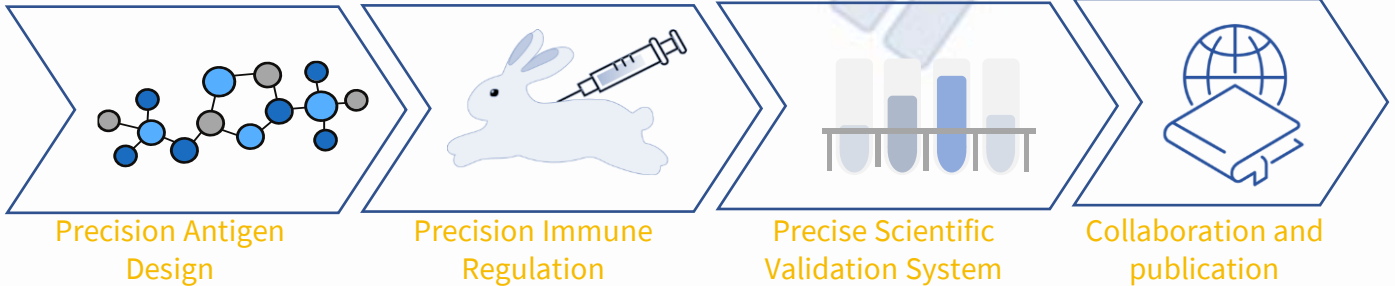


IREAL BIOTECHNOLOGY

CLINICAL-IHC ANTIBODY

iReal Biotechnology Co. maintains ISO13485 accreditation for the development, validation, and production of antibodies. Under the Quality System we work with clients in design control, development, validation, production, and testing of antibodies. Certified ISO 13485:2016 for Design and Manufacture and Sales of Product Services in iReal's antibody categories.

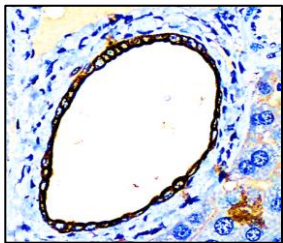
Antibody Technology



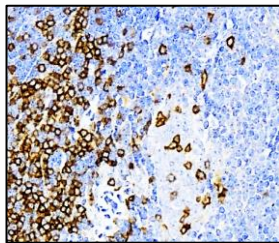
Pathology Validated Antibodies

Better Choice for iReal Clinical-IHC antibody

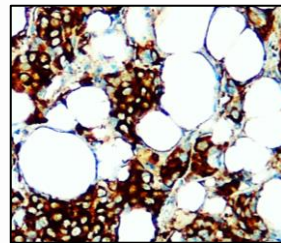
Upgrade to iReal-Antibodies, achieve more sensitive and specific IHC staining results in your cancer study.



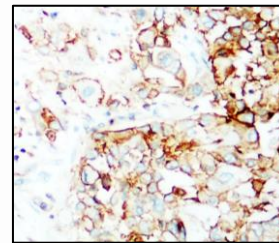
**Cytokeratin 7
antibody**



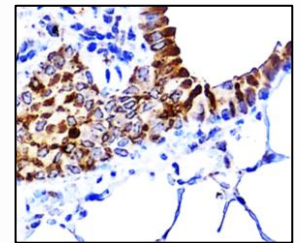
**CD3
antibody**



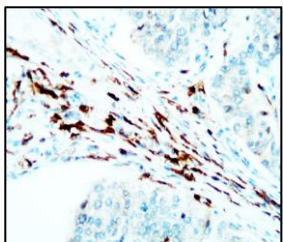
**Fatty Acid Synthase
/ FASN antibody**



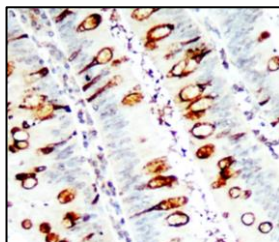
**CD44
antibody**



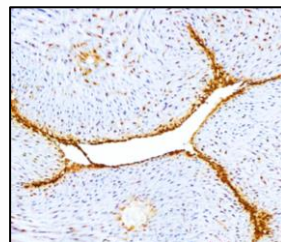
**COX2
antibody**



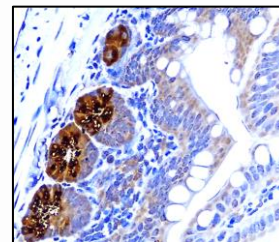
**CD45
antibody**



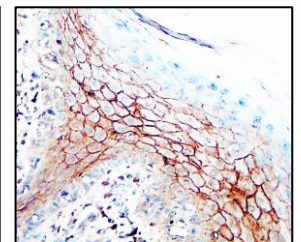
**SQSTM1
antibody**



**CD62E / E-selectin
antibody**



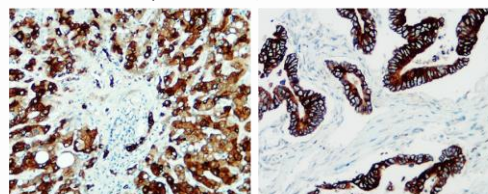
**LC3B
antibody**



**Claudin-1
antibody**



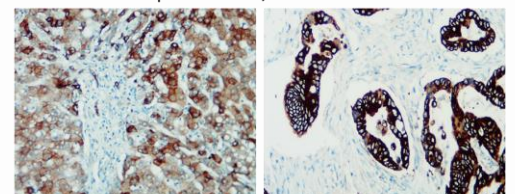
Human Hepatocellular, Colorectal Carcinoma



Brand	iReal Biotechnology
Product	Anti-Pan Cytokeratin Rabbit Polyclonal Antibody



Human Hepatocellular, Colorectal Carcinoma



Brand	XXXXXX
Product	Anti-Pan Keratin (AE1/AE3/PCK26) Primary Antibody



iReal-Antibodies in Citations

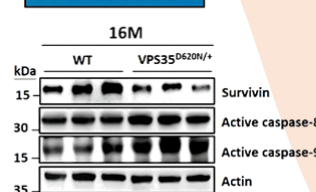
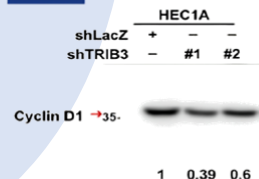
iReal-antibodies have been cited by well-known scientific journals such as Nature Cell Death & Disease, Biological Macromolecules. We will continue to offer high-quality antibodies to the scientific research community.

Table S2. Antibodies used in this study.

Product	Source	No. of Catalogue
Primary antibody:		
Western blot:		
anti-ALDH1A1	GeneTex International Corporation	GTN123973
anti-BMI1	Cell Signaling Technology, Inc.	6964s
anti-CDK4	Santa Cruz Biotechnology, Inc.	sc-23896
anti-CDK6	Santa Cruz Biotechnology, Inc.	sc-7961
anti-Cyclin A2	GeneTex International Corporation	GTN103042
anti-Cyclin B1	Proteintech group, Inc.	55041-1-AP
anti-Cyclin D1	iReal biotechnology	IR117-294
anti-c-MYC	GeneTex International Corporation	GTN109639
anti- α -Catenin	BD Biosciences	BD610154
anti-NOTCH1	Abcam plc.	ab2752b



cancers

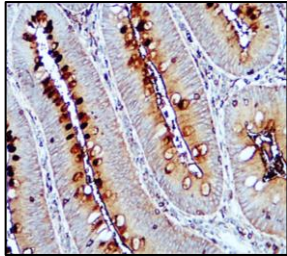


membranes were hybridized with following primary antibodies: (1) VPS35 antibody (Abcam, ab10099); (2) α -synuclein antiserum (Proteintech, #10842-1-AP); (3) phospho- α -synuclein^{ser129} antibody (Abcam, ab51253); (4) Tau antiserum (Santa Cruz Biotechnology, sc-32274); (5) phospho-Tau^{ser202/thr205} antiserum (Thermo Scientific, MN1020); (6) Wnt1 antibody (Abcam, ab15251); (7) β -catenin antiserum (Abcam, ab6302); (8) survivin antibody (Abcam, ab76424); (9) cytochrome c antiserum (Abcam, ab133504); (10) cleaved caspase-8 antibody (Cell Signaling Technology, #9496, iREAL Biotechnology, IR99-409); (11) cleaved caspase-9 antiserum (Cell Signaling

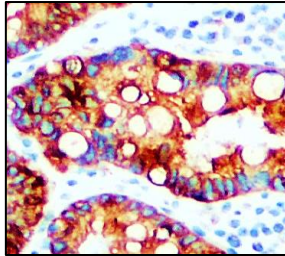
List of Cited Antibodies

Catalog	Product Name	Application	Reactivity	Citations
IR94-392	BCL2 antibody	WB 、 IF 、 IHC	H, M, R	4
IR93-389	BAX antibody	WB 、 IF 、 IHC	H, M, R	7
IR96-401	Caspase-3 cleaved antibody	WB 、 IF 、 IHC	H, M, R	4
IR99-409	Caspase 8 cleaved antibody	WB 、 IF 、 IHC	Human	8
IR117-294	Cyclin D1 antibody	WB 、 IF 、 IHC	H, M, R	8
IR116-289	Cyclin B1 antibody	WB 、 IHC	Human	5
IR67-227	MMP2 antibody	WB 、 IHC	H, M, R	3
IR70-234	MMP9 antibody	WB 、 IF 、 IHC	Human	3
IR187-705	ERK1+ERK2 antibody	WB 、 IF	H, M, R	1
IR171-666	pan AKT antibody	WB 、 IF	H, M, R	3
IR108-442	VEGF antibody	WB 、 IF 、 IHC	H, M, R	2
IR101-421	PARP1 antibody	WB 、 IF 、 IHC	H, M, R	3
IR122-312	p21 Cip1 antibody	WB 、 IF 、 IHC	H, M, R	5
IR46-143	N-cadherin antibody	WB 、 IF 、 IHC 、 FC	H, M, R	3
IR2-7	Beta Actin antibody	WB 、 IF 、 IHC	H, M, R	9
IR105-435	Cytochrome C antibody	WB 、 IF 、 IHC	H, M, R	1
IR113-466	HIF1 alpha antibody	WB 、 IF 、 IHC	H, M, R	2
IR130-525	BiP / GRP78 antibody	WB 、 IF 、 IHC	H, M, R	1
IR129-522	CHOP antibody	WB 、 IF 、 IHC	H, M, R	1
IR45-137	Vimentin antibody	WB, IF, IHC, IP	H, M, R	3
IR47-146	α -Smooth Muscle Actin antibody	WB, IF, IHC-P, IHC-Fr	H, M, R	2
IR56-184	ZO-1 / TJP1 antibody	WB 、 IF 、 IHC	H, M, R	1
IR100-414	Caspase-9 antibody	WB 、 IF 、 IHC	Human	3
IR301-983	CD63 antibody	WB 、 IF 、 IHC 、 Flow	H, M, R	1

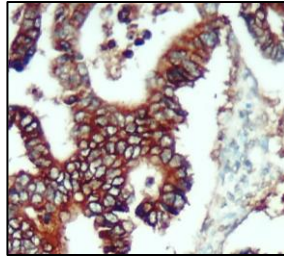
Cancer Research



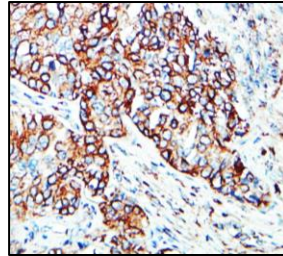
VEGF antibody
IR108-442



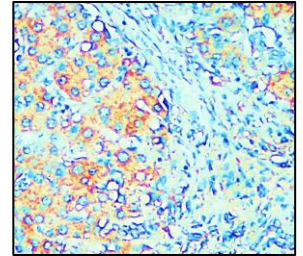
Pan-Cytokeratin
antibody IR222-861



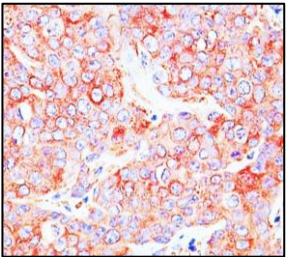
EpCAM antibody
IR218-3



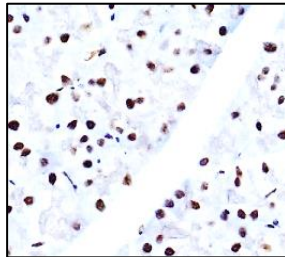
CD142 / Tissue
Factor antibody
IR295-1



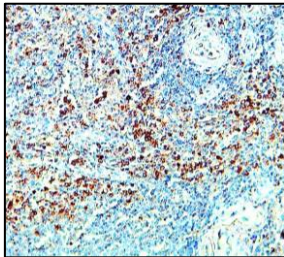
MMP2 antibody
IR67-228



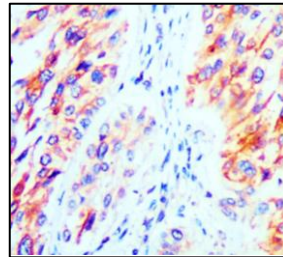
ST3GAL1 antibody
IR297-2



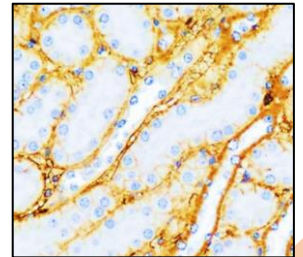
NRF2 antibody
IR136-543



CD206 / MRC1
antibody IR240-864

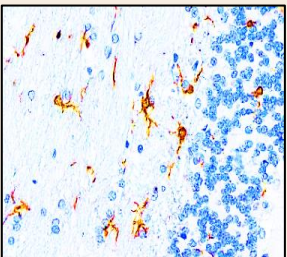


TIMP1 antibody
IR72-249

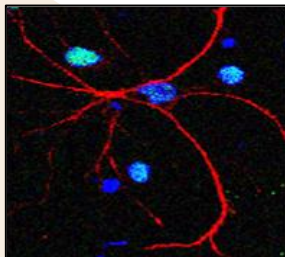


COL4A1 / Collagen IV
antibody IR298-1

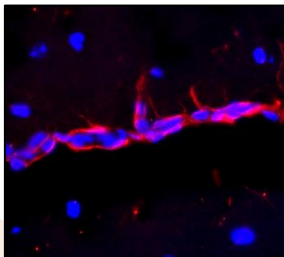
Neuroscience



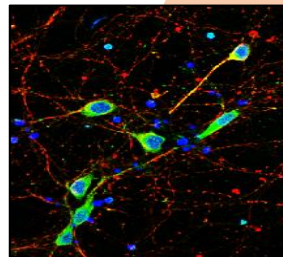
Iba1 antibody
IR13-36



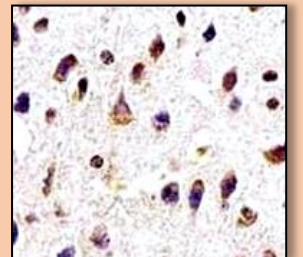
GFAP antibody
IR15-44



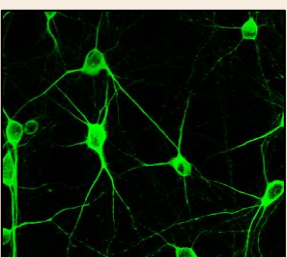
SOX2 antibody
IR11-26



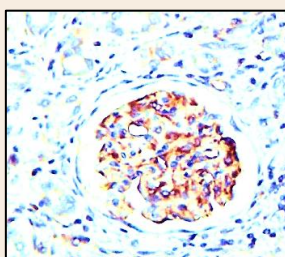
NF-L antibody
IR23-P2



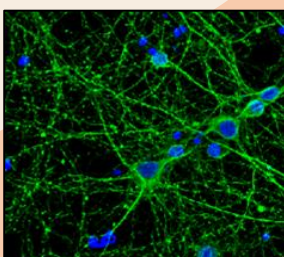
Tau antibody
IR39-123



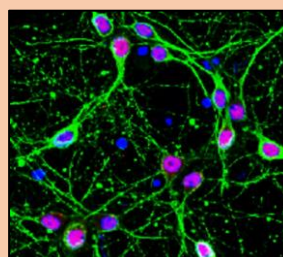
MAP2 antibody
IR12-33



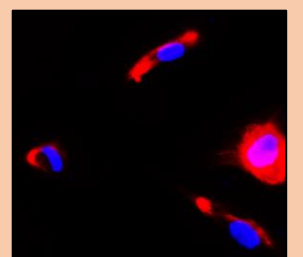
Nestin antibody
IR8-23



Tuj1 antibody
IR11-31

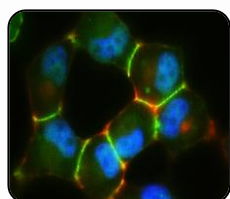


NeuN antibody
IR20-56

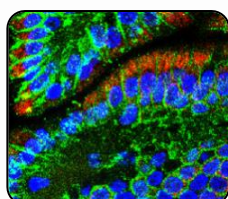


LRRK2 antibody
IR38-119

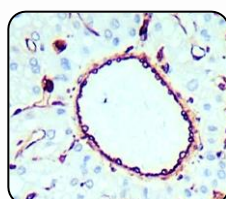
EMT marker



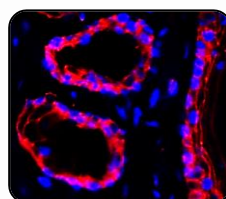
N-cadherin
antibody IR46-143



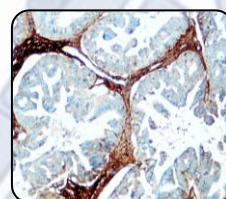
E-cadherin
antibody IR55-180



Vimentin
antibody IR45-137



Beta-catenin
antibody IR49 -149

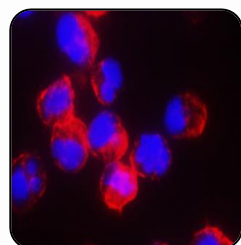
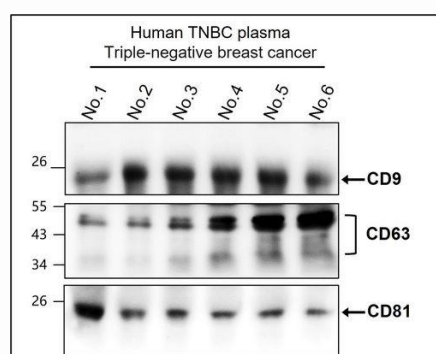


Fibronectin
antibody IR48-138

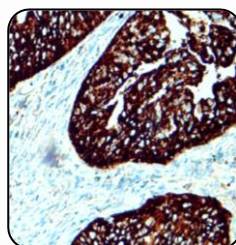


αSMA (smooth muscle)
antibody IR47-146

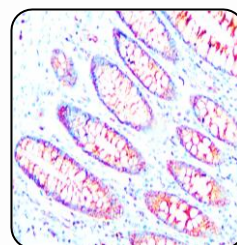
Exosome marker



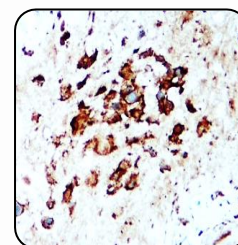
CD9 antibody
IR300-981



CD63 antibody
IR301-983



ALIX antibody
IR303-988



Flotillin-1 antibody
IR304-990

iReal Antibodies Panel

Catalog	Antibodies Panel	Component
IRAP5001	EMT Marker Antibody Panel	Vimentin, Fibronectin, N-cadherin, E-cadherin, Snail antibody
IRAP5002	ER stress Homeostasis Antibody Panel	IRE1 alpha, CHOP, BiP, PERK, ATF6 antibody
IRAP5003	Exosome Marker Antibody Panel	CD9, CD63, CD81, ALIX, Flotillin-1 antibody
IRAP5004	ECM Profiling Antibody Panel	Fibronectin, Collagen I, MMP9, MMP1, TIMP1 antibody
IRAP5005	Myofibroblast / Fibrocyte Antibody Panel	Fibronectin, Collagen I, α-Smooth Muscle Actin, CD34, CD45 antibody
IRAP5020	Apoptosis Antibody Panel	Caspase-3, Caspase-8, Caspase-9, BAX, PARP1 antibody
IRAP5012	Inflammation Antibody Panel	iNOS, COX2, TNF alpha, IL-6, IL-1 beta antibody
IRAP5008	Cell Cycle Marker Antibody Panel	Cyclin A2, Cyclin B1, Cyclin D1, Cyclin E1, p21 antibody
IRAP5018	Angiogenesis Antibody Panel	HIF1 alpha, VEGF, VEGF Receptor 2, CD31, α-Smooth Muscle Actin antibody

