

STTARR Optimized Antibody List

Antibody	Reactivity
Epithelial Markers	
Pancytokeratin	Mouse, Human,Rat, Dog
AE1/AE3 CytoK	Mouse, Human,Dog,Bovine
Inhibin Beta A	Human
Epithelial Junctions	
ZO-1	Human, Mouse, Rat +...
Epcam-Cy5	Human
Mesenchymal Marker	
Vimentin	Human, Mouse, Rat +more
Blood Vessel Marker	
Blood group A	Human
Blood group B	Human
WGA-FITC	Mouse, Sheep
CD31	Mouse, Rat, Human,Sheep
CD34	Mouse
TEM1 (Endosialin)	Mouse, Rat, Human
Lymphatic Vessel Marker	
D2-40(Podoplanin)	Human
LYVE-1	Mouse, Rabbit, Human
Podoplanin	Human
Hypoxia	
CA9	Human
Pimo-FITC	Mouse
Pimo	Rabbit
EF5	Mouse
HIF-1	Mouse, Rat, Human
Angiogenesis	
CTHRC1	Mouse, Human
Angiogenesis Inhibitors	
TSP1	TSP1
Noggin (BMP)	Human, Mouse, Rat
Vasoconstrictor Marker	
Endothelin1	Mouse, Rat, Human
Vasodilation Markers	
Relaxin-2	Mouse, Rat, Human

Relaxin a +b	Human
iNos	Human, Mouse, Rat

T-Cell Markers	
CD3	Human, Mouse, Rat+...
CD3	Mouse, Horse, Chicken, Pig+...
CD4	Mouse
CD8	Mouse, Rat
CD45	Mouse
CD45R(B220)	Mouse, Human
CCL21	Human
FOXP3	Mouse, Pig, Rat
CD56	Mouse, Rat

B-Cell Markers	
CD19	Mouse, Human
CD20	Human, Monkey
CD45R(B220)	Mouse, Human
CXCL13	Human

Macrophage Markers	
CD11b	Mouse, Rat, Human
Mac-2	Human, Mouse
F4/80	Mouse
Mannose	Human, Mouse, Rat
KLRD1(CD94)	Human

DNA Damage	
Anti-8 Hydroxyguanosine	Species Independent
H2A.X	Human, Mouse, Rat

Lipid Peroxidation	
4-Hydroxynonenal(HNA)	Species independent
Malondialdehyde(MNA)	Species independent

Cellular Stress	
Phospho-p38	Human, Mouse, Rat, Monkey +..
Phospho-erk 1/2	Human, Mouse, Rat, Monkey +..
CTSD(Cathepsin D)	Human, Monkey
P-JNK	Mouse, Rat, Human

Apoptosis	
Caspase 3	Human, Mouse, Rat, Monkey +..
Phospho-erk 1/2	Human, Mouse, Rat, Monkey +..
TUNEL	Human, Mouse, rat, pig, sheep, rabbit

Cellular Proliferation	
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ki67	Human
Pnck	Human, mouse, rat
Phospho-erk 1/2	Human, Mouse, Rat, Monkey +..

Cell Cycle Inhibition	
p21	Human, Monkey

Myocyte Markers	
AlphaSMA	Mouse, Rat, Human+...
TNNT2 / CTNT troponin	Human, Mouse, Rat, Sheep++..

Kidney Biomarkers	
NHPS1-Nephrin	Human
GLEPP1	Human
LAMC1	Human, Mouse, Rat

Mitochondrial Function	
Cox-4	Human, Pig+...
Glutamine Synthetase	Human, Mouse, Rat
PGC1 alpha	Pig, Human, Mouse, Rat

Pancreas (Islets of Langerhans)	
Insulin	Mouse, Rat, Human+...
Glucagon	Human, Mouse, Rat

Chondrocyte Markers	
Sox9	Human, Mouse
Noggin (BMP)	Human, Mouse, Rat

Fibronectin/Fibronogen	
iTGA5	Human, Mouse, Rat

Fibrosis	
CD90(Thy-1)	Human

Liver/HDL Marker	
SR-B1	Mouse, Rat, Sheep, Human

Amyliodosis	
Human Kappa LC	Human

Neuronal Markers	
NeuN	Human, Mouse, Rat
GFAP	Mouse

Tagged Proteins	
GFP	Human, Mouse, Pig, Tag,+...

RFP-Biotin	DsRed, TdTomato, mOrange
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Inflammation	
Arginase-1	Human, Mouse, Rat
Annexin A1	Mouse, Rat, Human
CMKLR1	Mouse, Rat, Human
FPRL1/FPR2	Mouse, Rat, Human
Leukotriene B4	Human, Mouse, Rat
5 Lipoxygenase	Mouse, Rat, Human
Chitinase 3	Mouse