

Mouse anti-Human, Rat Cluster Of Differentiation 147 (CD147) Monoclonal Antibody | anti-CD147 antibody

Monoclonal Antibody to Cluster Of Differentiation 147 (CD147)

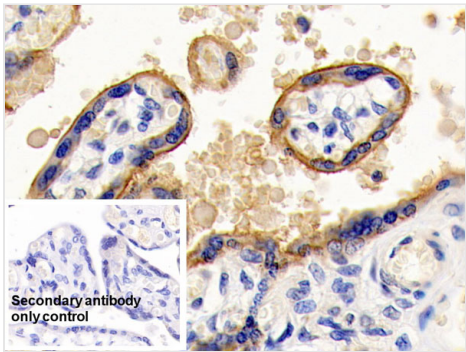
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21214	Mouse	Human, Rat	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

PRODUCT SYNONYMS

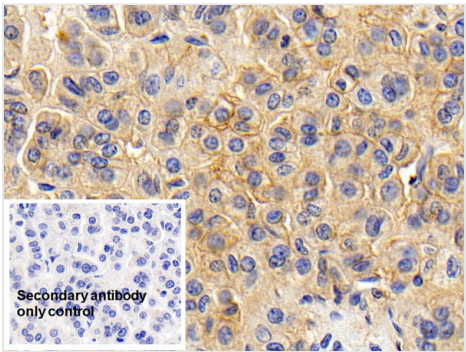
Cluster Of Differentiation 147 (CD147); Monoclonal Antibody; Monoclonal Antibody to Cluster Of Differentiation 147 (CD147); Cluster Of Differentiation 147; EMMPRIN; BSG; 5F7; M6; OK; TCSF; Basigin(Ok Blood Group); Collagenase stiulatory factor; OK blood group antigen; Tumor cell-derived collagenase stiulatory factor; anti-CD147 antibody

PRODUCT SPECIFICATIONS

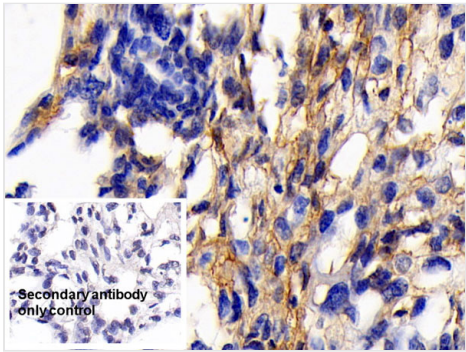
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C20
Specificity	The antibody is a mouse monoclonal antibody raised against CD147. It has been selected for its ability to recognize CD147 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Val79~Gln280
Applicable Applications for anti-CD147 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	WB: 0.5-3ug/mL IHC: 5-30ug/mL ICC: 5-30ug/mL
Immunogen	Recombinant Cluster Of Differentiation 147 (CD147)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



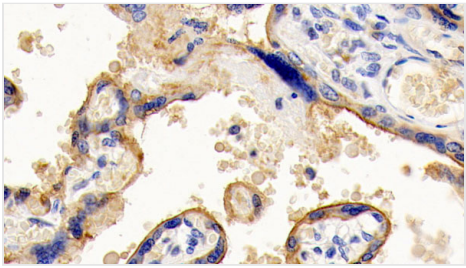
IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Placenta Tissue Primary Ab: 30ug/ml Mouse Anti-human CD147 Antibody Control: Used PBS instead of primary antibody Second Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



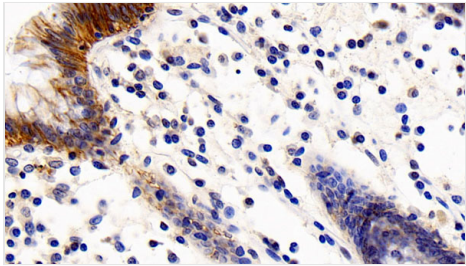
IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Adrenal gland Tissue Primary Ab: 30ug/ml Mouse Anti-human CD147 Antibody Control: Used PBS instead of primary antibody Second Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



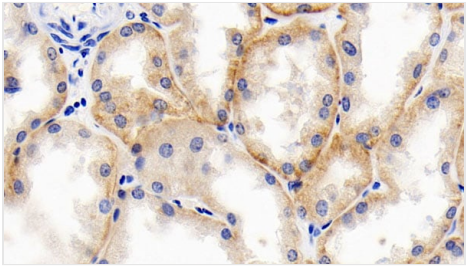
IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Ovarian cancer Tissue Primary Ab: 30ug/ml Mouse Anti-human CD147 Antibody Control: Used PBS instead of primary antibody Second Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Placenta Tissue; Primary Ab: 30ug/ml Mouse Anti-human CD147 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human RecuM Tissue; Primary Ab: 30ug/ml Mouse Anti-human CD147 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Kidney Tissue; Primary Ab: 30ug/ml Mouse Anti-human CD147 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD147 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; CD & Adhesion molecule
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38372919
NCBI GeneID	682
NCBI Accession #	NP_001719.2
NCBI GenBank Nucleotide #	NM_001728.3

UniProt Accession #	P35613; Q7Z796; Q8IZL7; A6NJWT1; D3YLG5
Molecular Weight	42,200 Da
NCBI Official Full Name	basigin isoform 1
NCBI Official Synonym Full Names	basigin (Ok blood group)
NCBI Official Symbol	BSG
NCBI Official Synonym Symbols	M6; OK; 5F7; TCSF; CD147; EMMPRIN
NCBI Protein Information	basigin; CD147 antigen; OK blood group antigen; collagenase stimulatory factor; leukocyte activation antigen M6; extracellular matrix metalloproteinase inducer; tumor cell-derived collagenase stimulatory factor
UniProt Protein Name	Basigin
UniProt Gene Name	BSG
UniProt Synonym Gene Names	EMMPRIN; TCSF
UniProt Entry Name	BASI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/monoclonal/cluster-of-differentiation-147-cd147-antibody-clone-c20-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21214>