

Rabbit anti-Human CD147 Polyclonal Antibody | anti-CD147 antibody

Rabbit anti-CD147 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212724	Rabbit	Human	Immunohistochemistry, Western Blot

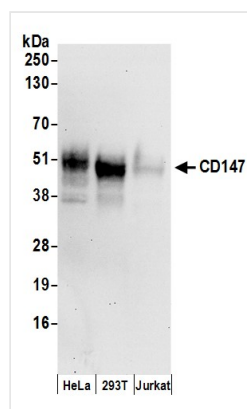
PRODUCT SYNONYMS

CD147; Polyclonal Antibody; Rabbit anti-CD147 Antibody; Affinity Purified; CD antigen CD147; leukocyte activation antigen M6; tumor cell-derived collagenase stimulatory factor; TCSF; SLC7A11; OK blood group antigen; OK; extracellular matrix metalloproteinase inducer; EMPRIN; EMMPRIN; basigin; 5F7; collagenase stimulatory factor; Basigin; basigin (OK blood group); anti-CD147 antibody

PRODUCT SPECIFICATIONS

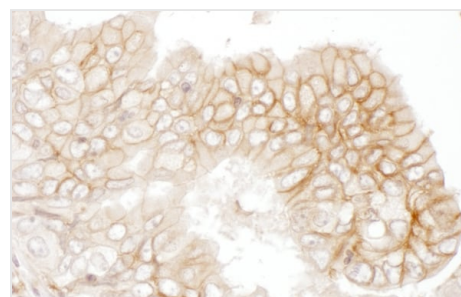
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CD147 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Bovine
Immunogen	Between 200 and 250
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CD147 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CD147 antibody AAA212724 (lot AAA212724-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human CD147 by immunohistochemistry. Sample: FFPE section of human lung cancer. Antibody: Affinity purified rabbit anti-CD147 (Cat. No. AAA212724 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: Hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-CD147 antibody	CD147 is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. CD147 is also a member of the immunoglobulin superfamily [taken from NCBI Entrez Gene (Gene ID: 682)].
Product Categories/Family for anti-CD147 antibody	Primary Antibodies

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; A6NJW1; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd147-antibody-immunohistochemistry-western-blot-elisa/212724>