

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

Anti-CD147 antibody (2D2), IgG1 Chimeric mAb

CATALOG # AAA129462	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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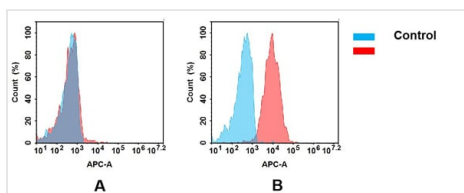
PRODUCT SYNONYMS

CD147; Monoclonal Antibody; Anti-CD147 antibody (2D2); IgG1 Chimeric mAb; Basigin; BSG; 5F7; EMMPRIN; M6; OK; TCSF; anti-CD147 antibody

PRODUCT SPECIFICATIONS

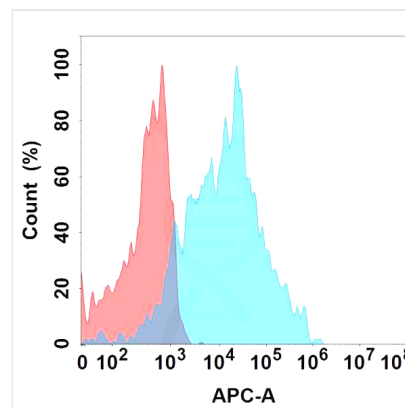
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit/Human Fc chimeric IgG1
Clone Number	2D2
Purity/Purification	Purified from cell culture supernatant by affinity chromatography
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Applicable Applications for anti-CD147 antibody	FCM/FACS (Flow Cytometry)
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 2. Flow cytometry analysis of antigen binding of anti-human CD147 mAb(AAA129462).



FCM/FACS (Flow Cytometry)

Figure 1. Flow cytometry analysis with 1ug/mL Anti-CD147 (2D2) mAb on Expi293 cells transfected with human CD147 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

ADDITIONAL INFORMATION

Related Product Information for anti-CD147 antibody	The protein encoded by this gene, basigin, is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. Basigin is also a member of the immunoglobulin superfamily, ubiquitously expressed in various tissues. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2020]
Product Categories/Family for anti-CD147 antibody	Monoclonal 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; A6N JW1; 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://www.aaabiotech.com/monoclonal/cd147-antibody-clone-2d2-flow-cytometry-elisa/129462>