Rabbit anti-Mouse, Rat CD147 Monoclonal Antibody | anti-CD147 antibody

CD147 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269301	**Rabbit**	**Mouse, Rat**	**Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

CD147; Monoclonal Antibody; CD147 Rabbit mAb; HT-7; EMMPRIN; AI115436; AI325119; anti-CD147 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R03-7C3
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Applicable Applications for anti-CD147 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein of mouse CD147
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES

WB (Western Blot)
Western blot analysis of CD147 in rat Brain, C6, 3T3 lysates using CD147 antibody.

ICC (Immunocytochemistry)
Immunocytochemistry analysis of CD147 (green) in 3T3 using CD147 antibody,andDAPI(blue).

ADDITIONAL INFORMATION

Related Product Information for anti-CD147 antibody	Plays an important role in targeting the monocarboxylate transporters SLC16A1, SLC16A3, SLC16A8, SLC16A11 and SLC16A12 to the plasma membrane. Plays pivotal roles in spermatogenesis, embryo implantation, neural network formation and tumor progression. Stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPS). Seems to be a receptor for oligomannosidic glycans. In vitro, promotes outgrowth of astrocytic processes
Product Categories/Family for anti-CD147 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	116014342
NCBI GeneID	12215

NCBI Accession #	NP_001070652.1
NCBI GenBank Nucleotide #	NM_001077184.1
UniProt Accession #	P18572; Q6LDB0; Q7TSC0
Molecular Weight	29,674 Da
NCBI Official Full Name	basigin isoform 2
NCBI Official Synonym Full Names	basigin
NCBI Official Symbol	Bsg
NCBI Official Synonym Symbols	HT-7; CD147; EMMPRIN; AI115436; AI325119
NCBI Protein Information	basigin; 5A11/Basigin; HT7 antigen; basic immunoglobulin superfamily; gp 42; membrane glycoprotein gp42; neurothelin
UniProt Protein Name	Basigin
UniProt Gene Name	**Bsg**
UniProt Entry Name	BASI_MOUSE

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/monoclonal/cd147-antibody-clone-r03-7c3-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/269301