

Rat CD147 Monoclonal Antibody | anti-CD147 antibody

RAT ANTI MOUSE CD147

CATALOG # AAA49357	HOST Rat	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry
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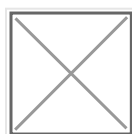
PRODUCT SYNONYMS

CD147; Monoclonal Antibody; RAT ANTI MOUSE CD147; anti-CD147 antibody

PRODUCT SPECIFICATIONS

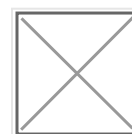
Host	Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	OX114
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	273
Applicable Applications for anti-CD147 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	Fusion protein mCD147dO-2rCD4d3 +4 Buffer Solution
Target Species	Mouse
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



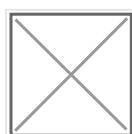
Application Data

Staining of mouse spleen cells with Rat anti Mouse CD147: Biotin



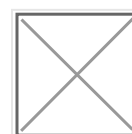
Application Data

Staining of mouse peripheral blood lymphocytes with Rat anti MouseE CD147: FITC



Application Data

Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD147



Application Data

Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD147: FITC



Application Data

Staining of mouse spleen cells with Rat anti Mouse CD147: Alexa Fluor 488 (AAA49357A488)

ADDITIONAL INFORMATION

Related Product Information for anti-CD147 antibody	Rat anti Mouse CD147 antibody, clone OX114 recognizes mouse CD147 (also known as basigin). CD147 is a cell surface glycoprotein that is widely expressed on leukocytes, red cells, platelets and endothelial cells. The reported functions of CD147 are diverse and include involvement in T-cell activation, cell adhesion and induction of matrix metalloproteinases. Rat anti Mouse CD147 antibody, clone OX114 recognizes both isoforms of CD147, the common form containing 2 Ig-like domains and the rare form containing 3 Ig-like domains. Rat anti Mouse CD147 antibody, clone OX114 is routinely tested in flow cytometry on mouse splenocytes. Note that for staining of whole blood samples increased amounts of antibody may be required due to the presence of CD147 on erythrocytes.
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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-ox114-western-blot-flow-cytometry-immunohistochemistry-elisa/49357>