Rat anti-Mouse Basigin / Emmprin / CD147 Monoclonal Antibody | anti-BSG antibody

Rat Monoclonal [clone OX114] (IgG1) to Mouse Basigin / Emmprin / CD147

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51838	**Rat**	**Mouse**	**Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry**

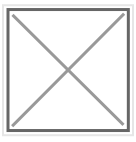
PRODUCT SYNONYMS

Basigin / Emmprin / CD147; Monoclonal Antibody; Rat Monoclonal [clone OX114] (IgG1) to Mouse Basigin / Emmprin / CD147; Anti-Basigin / Emmprin / CD147 Antibody (clone OX114) IHC-plus; BSG; 5F7; Basigin; Basigin (Ok blood group); CD147 antigen; Collagenase stimulatory factor; EMMPRIN; OK; OK blood group antigen; TCSF; CD147; M6; Emmprin; Mouse Basigin; anti-BSG antibody

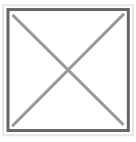
PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	OX114
Specificity	CD147 is a widely expressed membrane glycoprotein (also known as OX47, basigin, EMMPRIN and HT7) and has been implicated in matrix metalloproteinase induction, cell adhesion, retinal cell development and T cell activation. The transmembrane region has a v.
Purity/Purification	Protein G Purified
Form/Format	PBS, 0.02% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	385
Applicable Applications for anti-BSG antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Mouse
Immunogen Description	Recombinant md0-2rCD4d3+4.
Immunogen Type	Recombinant protein
Immunogen	Basigin / Emmprin / CD147 antibody was raised against recombinant md0-2rCD4d3+4.
Preparation and Storage	Store at 4 degree C for short term applications. For long term storage, aliquot and store at -20 degree C.

IMAGES



IHC (Immunohiostchemistry)
Anti-CD147 antibody IHC of mouse spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



IHC (Immunohistochemistry)
Anti-CD147 antibody IHC of mouse testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-BSG antibody	CD147 (BSG) is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. The encoded protein is also a member of the immunoglobulin superfamily. Multiple transcript variants encoding different isoforms have been found for this gene.

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	22,764 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/monoclonal/basigin-emmprin-cd147-antibody-clone-ox114-flow-cytometry-western-blot-immunohistochemistry-elisa/51838