

Mouse BSG Monoclonal Antibody | anti-BSG antibody

BSG antibody

CATALOG # AAA106248	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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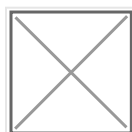
PRODUCT SYNONYMS

BSG; Monoclonal Antibody; BSG antibody; Monoclonal BSG; Anti-BSG; Basigin; EMMPRIN; CD147; Collagenase stimulatory factor; Extracellular matrix metalloproteinase inducer; Leukocyte activation antigen M6; Tumor cell-derived collagenase stimulatory factor; CD147 antigen; M6; anti-BSG antibody

PRODUCT SPECIFICATIONS

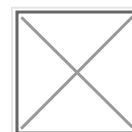
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	3H1
Purity/Purification	BSG antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	385
Applicable Applications for anti-BSG antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	BSG is a plasma membrane protein that is important in spermatogenesis, embryoimplantation, neural network formation, and tumor progression. The encoded protein is also a member of the immunoglobulin superfamily.
Cross-Reactivity	Human
Immunogen	BSG antibody was raised in mouse using a full length recombinant protein of human BSG (NP_001719) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant BSG protein using BSG antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of BSG protein in paraffin embedded Human colon tissue using BSG antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant BSG protein (Right) or empty vector (Left) detected with BSG antibody

ADDITIONAL INFORMATION

Related Product Information for anti-BSG antibody	Mouse monoclonal BSG antibody
Product Categories/Family for anti-BSG antibody	Differentiation & Development

NCBI AND UNIPROT INFORMATION

NCBI GI #	38372919
NCBI GeneID	682
NCBI Accession #	NP_001719
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
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/bsg-antibody-clone-3h1-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106248>