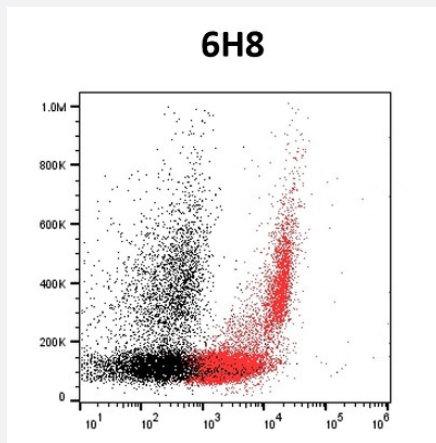


BSG monoclonal antibody (M47), clone 6H8

Catalog # H00000682-M47

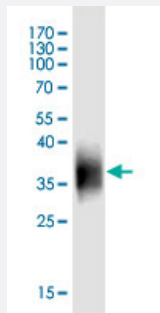
Size 100 ug

Applications



Flow Cytometry

Flow cytometric analysis of BSG (CD147) monoclonal antibody shows high-affinity antibody capable of binding to unstimulated peripheral blood T cells.



Western Blot detection against Immunogen (23.21 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant BSG.
Immunogen	BSG (NP_940991.1, 22 a.a. ~ 207 a.a) partial recombinant protein with GST tag.
Sequence	AAGTVFTTVEDLGSKILLTCSLNDSEVTGHRWLKGGVVLKEDALPGQKTEFKVDSDDQWGEY SCVFLPEPMGTANIQLHGPPRVKAVKSSEHINEGETAMLVCKSESVPVTDWAWYKITSSEDKA LMNGSESRRFFVSSSQGRSELHIENLNMEADPGQYRCNGTSSKGSQQAITLRVRSHLA
Host	Mouse

Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (23.21 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Flow Cytometry

Flow cytometric analysis of BSG (CD147) monoclonal antibody shows high-affinity antibody capable of binding to unstimulated peripheral blood T cells.

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — BSG

Entrez GeneID	682
GeneBank Accession#	NM_198589.1
Protein Accession#	NP_940991.1
Gene Name	BSG
Gene Alias	5F7, CD147, EMMPRIN, M6, OK, TCSF
Gene Description	basigin (Ok blood group)
Omim ID	109480 111380
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene 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. [provided by RefSeq]

Other Designations

CD147 antigen|M6 leukocyte activation antigen|OK blood group antigen|basigin|collagenase stimulatory factor|extracellular matrix metalloproteinase inducer

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)