

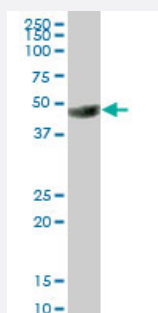
MaxPab®

BSG MaxPab mouse polyclonal antibody (B01)

Catalog # H00000682-B01

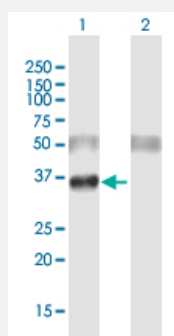
Size 50 uL

Applications



Western Blot (Tissue lysate)

BSG MaxPab polyclonal antibody. Western Blot analysis of BSG expression in human spleen.

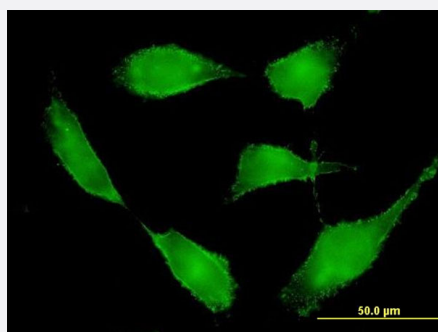


Western Blot (Transfected lysate)

Western Blot analysis of BSG expression in transfected 293T cell line ([H00000682-T01](#)) by BSG MaxPab polyclonal antibody.

Lane 1: BSG transfected lysate(29.59 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to BSG on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human BSG protein.

Immunogen	BSG (NP_940991, 1 a.a. ~ 269 a.a) full-length human protein.
Sequence	MAAALFVLLGFALLGTHGASGAAGTVFTTVEDLGSKILLTCSLNDSEVTGHRWLKGGVVLKED ALPGQKTEFKVDSDDQWGEYSCVFLPEPMGTANIQLHGPPRVKAVKSSEHINEGETAMLVCKSE SVPPVTDWAWYKITDSEDKALMNGSESRRFFVSSSQGRSELHIENLNMEADPGQYRCNGTSSKG SDQAIITLRVRSHLAALWPFLGVAEVLVLVTIIFYEKRRKPEDVLDDDDAGSAPLKSSGQHQNDK GKNVRQRNSS
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

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- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to BSG on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — BSG

Entrez GeneID	682
GeneBank Accession#	NM_198589
Protein Accession#	NP_940991

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

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