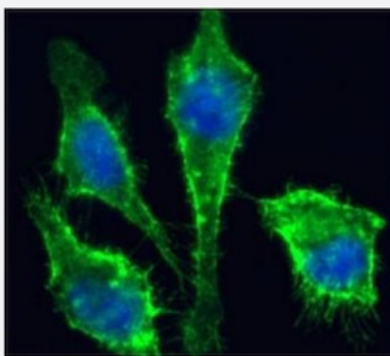


RecomAb™

BSG recombinant monoclonal antibody, clone Ab-1

Catalog # RAB03671 Size 200 ug

Applications



Immunofluorescence

Immunofluorescent staining of HeLa cells with BSG recombinant monoclonal antibody, clone Ab-1 (Cat # RAB03071).

Immunofluorescence analysis of paraformaldehyde fixed HeLa cells on Shi-fix™ coverslips- permeabilized with 0.15% Triton and stained with RAB03071 at 10 ug/ml for 1h followed by Alexa Fluor® 488 secondary antibody (2 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). The isotype control was stained with an unknown specificity antibody (.1) followed by Alexa Fluor® 488 secondary antibody.

Specification

Product Description	Mouse recombinant monoclonal antibody raised against human BSG.
Antibody Species	Mouse
Immunogen	Original antibody is raised against recombinant protein corresponding to the ectodomains of human BSG.
Reactivity	Human
Form	Liquid
Conjugation	Unconjugated
Concentration	batch dependent
Isotype	IgG1 kappa

Recommend Usage

Blocking
ELISA
Immunofluorescence
The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS with 0.02% Proclin 300

Storage Instruction

Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

● Immunofluorescence

Immunofluorescent staining of HeLa cells with BSG recombinant monoclonal antibody, clone Ab-1 (Cat # RAB03071).
Immunofluorescence analysis of paraformaldehyde fixed HeLa cells on Shi-fix™ coverslips- permeabilized with 0.15% Triton and stained with RAB03071 at 10 ug/ml for 1h followed by Alexa Fluor® 488 secondary antibody (2 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). The isotype control was stained with an unknown specificity antibody (.1) followed by Alexa Fluor® 488 secondary antibody.

● Enzyme-linked Immunoabsorbent Assay

● Blocking

Gene Info — BSG

Entrez GeneID

[682](#)

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](#)