



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## BSG MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00000682-B01

規格 : [ 50 uL ]

[List All](#)

### 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:**  
 MAAALFVLLGFALLGTHGASGAAGTVFTTVEDLGSKILLTCSLNDSEV  
 TGHRLKGGVVLKEDALPGQKTEFKVDSDDQWGEYSCVFLPEPMGTA  
 NIQLHGPPRVKAVKSSEHINEGETAMLVCKSESVPVTDWAWYKIDSED  
 KALMNGSESRFFVSSQGRSELHIENLNMEADPGQYRCNGTSSKGSDQ  
 AITLRVRSHLAALWPFLGVAEVLVLVTIIFIEKRRKPEDVLDDDDAGSAP  
 LKSSGQHQNKGKKNVRQRNSS

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** No additive

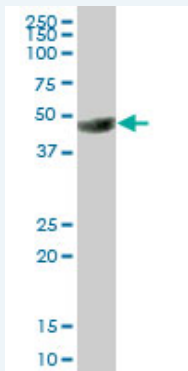
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Note:** For IHC and IF applications, antibody purification with Protein A will be needed prior to use.


**Datasheet:**  [Download](#)

### Applications

#### Western Blot (Tissue lysate)



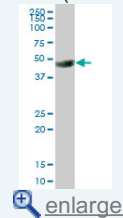
BSG MaxPab polyclonal antibody. Western Blot analysis of BSG expression in human spleen.

 [Protocol Download](#)

#### Western Blot (Transfected lysate)

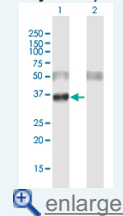
### Application Image

#### Western Blot (Tissue lysate)



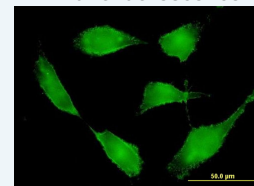
 [enlarge](#)

#### Western Blot (Transfected lysate)

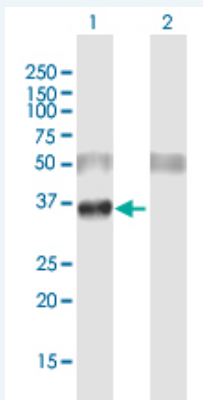


 [enlarge](#)

#### Immunofluorescence



 [enlarge](#)

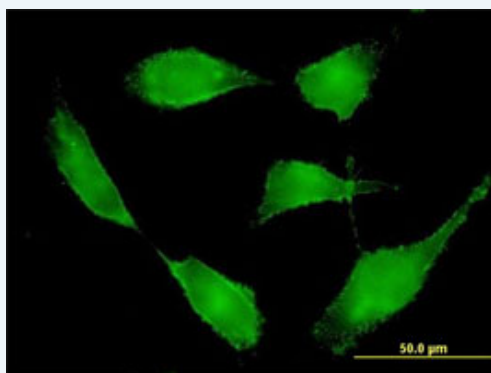


Western Blot analysis of BSG expression in transfected 293T cell line ([H00000682-T01](#)) by BSG MaxPab polyclonal antibody.

Lane 1: BSG transfected lysate(29.59 KDa).  
Lane 2: Non-transfected lysate.

[Protocol Download](#)

### Immunofluorescence



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

[Protocol Download](#)

### Gene Information

Entrez GeneID: [682](#)

GeneBank [NM\\_198589](#)  
Accession#:

Protein [NP\\_940991](#)  
Accession#:

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** CD147 antigen,M6 leukocyte activation antigen,OK blood group  
**Designations:** antigen,basigin,collagenase stimulatory factor,extracellular matrix metalloproteinase inducer

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#### **Related Disease**

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Cardiovascular Diseases Diabetes Mellitus, Type 2 Edema

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