

Anti-Basigin / Emmprin / CD147 Antibody (clone MEM-M6/1)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS18226**Specification****Anti-Basigin / Emmprin / CD147 Antibody (clone MEM-M6/1) - Product Information**

Application	WB, IHC-P, IP, FC
Primary Accession	P35613
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	42200

Anti-Basigin / Emmprin / CD147 Antibody (clone MEM-M6/1) - Additional Information**Gene ID 682**Alias Symbol **BSG****Other Names**

BSG, 5F7, Basigin, Basigin (Ok blood group), CD147 antigen, Collagenase stimulatory factor, EMMPRIN, OK, OK blood group antigen, TCSF, CD147, M6

Reconstitution & Storage

Purified

Precautions

Anti-Basigin / Emmprin / CD147 Antibody (clone MEM-M6/1) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Basigin / Emmprin / CD147 Antibody (clone MEM-M6/1) - Protein InformationName BSG ([HGNC:1116](#))**Function**

[Isoform 1]: Essential for normal retinal maturation and development (By similarity). Acts as a retinal cell surface receptor for NXNL1 and plays an important role in NXNL1-mediated survival of retinal cone photoreceptors (PubMed:<<http://www.uniprot.org/citations/25957687>>25957687). In association with glucose transporter SLC16A1/GLUT1 and NXNL1, promotes retinal cone survival by enhancing aerobic glycolysis and accelerating the entry of glucose into photoreceptors (PubMed:<<http://www.uniprot.org/citations/25957687>>25957687). May act as a potent stimulator of IL6 secretion in multiple cell lines that include monocytes (PubMed:<<http://www.uniprot.org/citations/21620857>>21620857).

Cellular Location

Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV. [Isoform 2]: Cell membrane; Single-pass type I membrane protein

{ECO:0000250|UniProtKB:P26453}. Endosome Endoplasmic reticulum membrane; Single- pass type I membrane protein {ECO:0000250|UniProtKB:P26453} Basolateral cell membrane; Single-pass type I membrane protein {ECO:0000250|UniProtKB:P26453} [Isoform 4]: Cell membrane; Single-pass type I membrane protein {ECO:0000250|UniProtKB:P26453}

Tissue Location

[Isoform 1]: Retina-specific (PubMed:25957687). Expressed in retinal cone photoreceptors (at protein level) (PubMed:25957687). [Isoform 3]: Highly expressed in the bone marrow, fetal liver, lung, testis and thymus.

Anti-Basigin / Emmprin / CD147 Antibody (clone MEM-M6/1) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Basigin / Emmprin / CD147 Antibody (clone MEM-M6/1) - Images