

Anti-EMMPRIN / CD147 Reference Antibody (Centocor patent anti-CD147)

Recombinant Antibody
Catalog # APR10887

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P35613
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	42200

Additional Information

Target/Specificity	EMMPRIN / CD147
Endotoxin Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

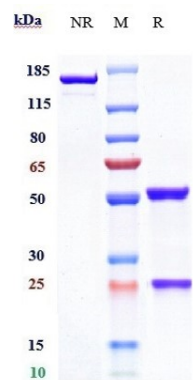
Protein Information

Name	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: 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: 25957687). May act as a potent stimulator of IL6 secretion in multiple cell lines that include monocytes (PubMed: 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}

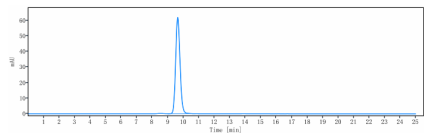
Tissue Location

[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.

Images



Anti-EMMPRIN / CD147 Reference Antibody (Centocor patent anti-CD147) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 90%.



The purity of Anti-EMMPRIN / CD147 Reference Antibody (Centocor patent anti-CD147) is more than 95%, determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.