

Anti-CD147 Antibody

Catalog # AP95478

Product Information

Application	FC, IF/IC
Primary Accession	P35613
Reactivity	Human
Host	Mouse
Clonality	Monoclonal (clone: HIM6)
Calculated MW	42200

Additional Information

Gene ID	682
Other Names	Basigin; 5F7; Collagenase stimulatory factor; Extracellular matrix metalloproteinase inducer; EMMPRIN; Leukocyte activation antigen M6; OK blood group antigen; Tumor cell-derived collagenase stimulatory factor; TCSF; CD antigen CD147
Target/Specificity	Native purified human CD147.
Dilution	FC~~FC (1/500 - 1/2000) IF/IC~~N/A
Format	Mouse IgG1. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

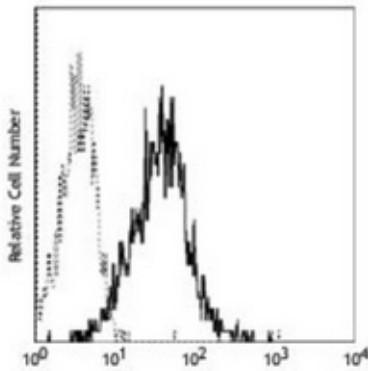
Name	BSG (HGNC:1116)
Function	[Isoform 1]: Essential for normal retinal maturation and development (By similarity). Acts as a retinal cell surface receptor for NXNL1 and plays an important role in NXNL1-mediated survival of retinal cone photoreceptors (PubMed: 25957687). In association with glucose transporter 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



Flow cytometric analysis of human peripheral blood lymphocytes using Anti-CD147 Antibody, followed by anti-mouse IgG PE.

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