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# Anti-CD147-AcalephFluor405-labled

Catalog # AP101291

## Product Information

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| **Application** | FC, IF/IC |
| **Primary Accession** | P35613 |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Calculated MW** | 42200 |

## Additional Information

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| **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** | Recognizes human CD147 |
| **Dilution** | FC~~1:10~50 IF/IC~~N/A |
| **Format** | Mouse IgG1. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

## Protein Information

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| **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 |

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| | {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. |

## Background

AcalephFluor405-labled mouse monoclonal antibody to CD147

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