

Product Name: CD147 (8C17) Rabbit Monoclonal Antibody
Catalog #: AMRe08215

Summary

Production Name	CD147 (8C17) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	BSG
Alternative Names	5A11; 5F7; Basigin; Bsg; CD147; Collagenase stimulatory factor; EMMPRIN; M6 leukocyte activation antigen; Neurothelin; OK blood group antigen; TCSF; Tumor cell derived collagenase stimulatory factor;
Gene ID	682.0
SwissProt ID	P35613.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	42kDa

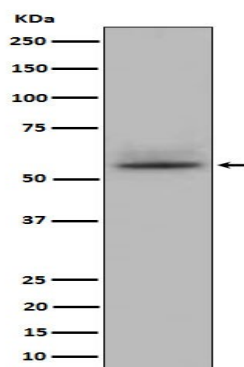
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Background

Plays pivotal roles in spermatogenesis, embryo implantation, neural network formation and tumor progression. Stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPS). [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).

Research Area

Image Data



Western blot analysis of CD147 expression in Jurkat cell lysate.

Note

For research use only.