

Product Name: CD147 (11A16) Rabbit Monoclonal Antibody
Catalog #: AMRe08213



Summary

Production Name	CD147 (11A16) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

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	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	BSG
Alternative Names	Basigin; 5F7; EMMPRIN; Leukocyte activation antigen M6; OK blood group antigen; TCSF; CD147; BSG;
Gene ID	682.0
SwissProt ID	P35613.A synthetic peptide of human CD147

Application

Dilution Ratio	WB: 1:1000-1:5000
Molecular Weight	42kDa

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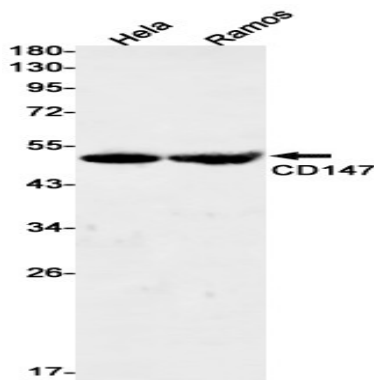


Background

Plays pivotal roles in spermatogenesis, embryo implantation, neural network formation and tumor progression. Stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPS). May target monocarboxylate transporters SLC16A1, SLC16A3 and SLC16A8 to plasma membranes of retinal pigment epithelium and neural retina. [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 detection of CD147 in HeLa,Ramos cell lysates using CD147 antibody(1:1000 diluted).

Note

For research use only.