

产品名称: CD147 (11A16) Rabbit Monoclonal Antibody
产品货号: AMRe08213



产品概述 (Summary)

产品名称 (Production Name)	CD147 (11A16) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

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

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:200-1:500,ICC/IF 1:50-1:100
蛋白分子量 (Molecular Weight)	42kDa

研究背景 (Background)

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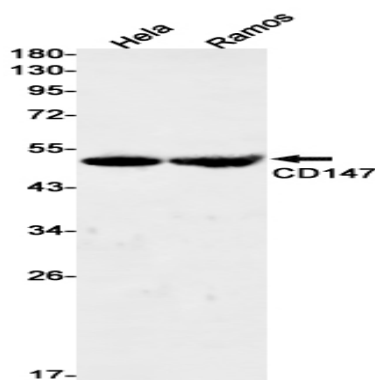


Plays pivotal roles in spermatogenesis, embryo implantation, neural network formation and tumor progression. Stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPS). May target monocarboxylate transporters SLC16A1, SLC16A3 and SLC16A8 to plasma membranes of retinal pigment epithelium 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).

研究领域 (Research Area)

Immunology; Endothelial Cells; Neuroscience; Visual system; Microbiology; SARS Coronavirus; Carbohydrate metabolism; Neurogenesis; Cancer; Metabolism of carbohydrates; Cardiovascular; Endothelial Cell Markers

图片 (Image Data)



Western blot detection of CD147 in HeLa,Ramos cell lysates using CD147 antibody(1:1000 diluted).

注意事项 (Note)

For research use only .