
Product Name: CD147 Rabbit Monoclonal antibody**Catalog #: AMRe04111**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.16mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 42 kDa; Observed MW: 50 kDa

Antigen Information

Gene Name	BSG
Alternative Names	BSG; 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
Gene ID	682
SwissProt ID	P35613
Immunogen	A synthetic peptide of human CD147

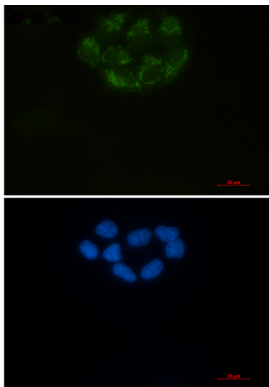
Background

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.

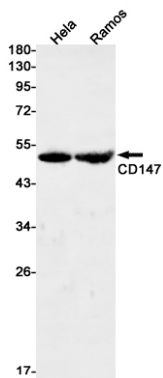
Research Area

Immunology

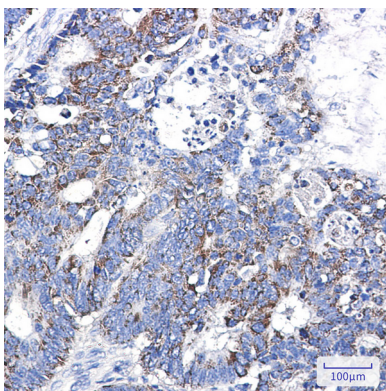
Image Data



Immunocytochemistry analysis of CD147 (green) in HeLa using CD147 antibody, and DAPI (blue).



Western blot analysis of CD147 in HeLa, Ramos lysates using CD147 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer tissue using CD147 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.