
Product Name: CD147 Rabbit Monoclonal antibody**Catalog #: AMRe03287**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.15mg/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,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 42 kDa; Observed MW: 38-58 kDa

Antigen Information

Gene Name	Bsg
Alternative Names	HT-7; CD147; EMMPRIN; AI115436; AI325119
Gene ID	12215.0
SwissProt ID	P18572
Immunogen	Recombinant protein of mouse CD147

Background

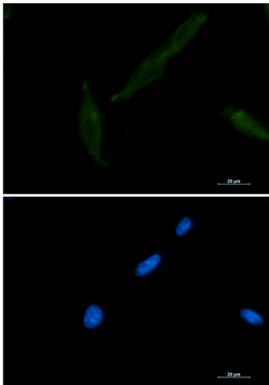
Plays an important role in targeting the monocarboxylate transporters SLC16A1, SLC16A3, SLC16A8, SLC16A11 and SLC16A12 to the plasma membrane. Plays pivotal roles in spermatogenesis, embryo implantation, neural network formation and tumor

progression. Stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPS). Seems to be a receptor for oligomannosidic glycans. In vitro, promotes outgrowth of astrocytic processes.

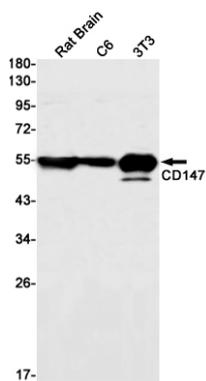
Research Area

Immunology

Image Data



Immunocytochemistry analysis of CD147 (green) in 3T3 using CD147 antibody, and DAPI (blue).



Western blot analysis of CD147 in rat Brain, C6, 3T3 lysates using CD147 antibody.