

Summary

Production Name	CD147 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	Bsg
Alternative Names	HT-7; CD147; EMMPRIN; AI115436; AI325119
Gene ID	12215.0
SwissProt ID	P18572

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 42 kDa; Observed MW: 38-58 kDa

Background

Product Name: CD147 Rabbit Monoclonal Antibody
Catalog #: AMRe03287

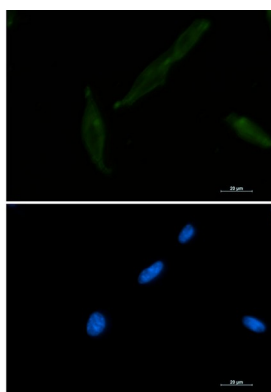


Plays an important role in targeting the monocarboxylate transporters SLC16A1, SLC16A3, SLC16A8, SLC16A11 and SLC16A12 to the plasma membrane. Plays pivotal roles in spermatogenesis, embryo implantation, neural network formation and tumor progression. Stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPS). Seems to be a receptor for oligomannosidic glycans. In vitro, promotes outgrowth of astrocytic processes.

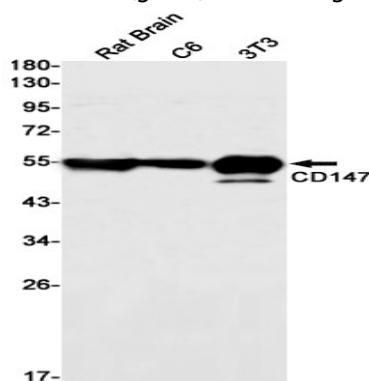
Research Area

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.

Note

For research use only.