

CD147 RABBIT MAB

Cat.#: N261982

Product Name: Anti-CD147 Rabbit Monoclonal Antibody

Synonyms: HT-7; CD147; EMMPRIN; AII15436; AI325119

UNIPROT ID: P18572

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.

Immunogen: Recombinant protein of mouse CD147

Applications: WB, ICC/IF, IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R03-7C3

MW: Calculated MW: 42 kDa; Observed MW: 38-58 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Mouse, Rat

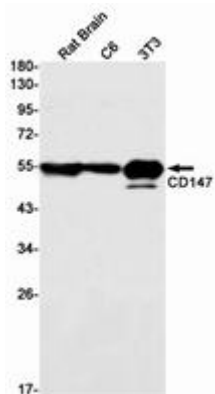
Conjugation: Unconjugated

Modification: Unmodified

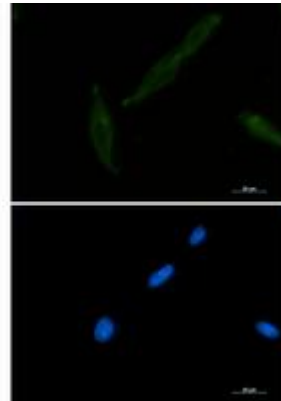
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Immunology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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



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