
CD147 (HI197) Antibody

Subcategory: Mouse Monoclonal Antibody, PE-conjugated Antibody

Cat. No.: 251094

Unit: 2 ml

Description:

The CD147 (HI197) antibody recognizes a 50-60 kDa type-I single chain transmembrane glycoprotein named basigin or neurothelin, which is a blood-brain barrier-specific molecule. CD147 antigen has a wide tissue distribution on hematopoietic and non-hematopoietic cells including leukocytes, red blood cells, platelets and endothelial cells. As a potential adhesion molecule, CD147 is involved in embryonic blood-brain barrier development and in integrin-mediated adhesion in brain endothelia.

Isotype: mouse IgG1

Applications: FC

Species Reactivity: H

Format: Each vial contains 2 ml IgG (100 tests) in PBS pH7.4, 0.1% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: CD147; EMMPRIN; Extracellular matrix metalloproteinase inducer; Basigin; Leukocyte activation antigen M6; Collagenase stimulatory factor; 5F7; Tumor cell-derived collagenase stimulatory factor; TCSF; OK blood group antigen; BSG

Accession No.: P35625

Application Notes: FC with whole blood: 100 μ l blood + 20 μ l antibody; FC with cells: 10E6 cells + 20 μ l antibody. FC: 1:200-1:1,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

Product Citations: Tadamitsu K. et al., eds. 1997.

Leucocyte Typing VI: White Cell Differentiation Antigens. P49-52, 113-114 Garland Publishing, Inc., New York.

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