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**Mouse Anti-Human CD147-PE-Cy5-conjugate**

**Catalog #** CD147PC-100 **Size#** 100 tests  
**Catalog #** CD147PC-25 **Size#** 25 tests

**PRODUCT INFORMATION**

**CLONE:** HI197  
**ISOTYPE:** Mouse IgG1  
**WS.No.:** N-L108  
**Product Forms:** Purified.

**DESCRIPTION**

CD147 McAb recognizes a 50-60 KD 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 leucocytes, red blood cells, platelets and endothelial cells. As a potential adhesion molecule, CD147 may involve in embryonic blood-brain barrier development and in integrin-mediated adhesion in brain endothelia.

**PREPARATION**

The monoclonal antibody is purified from ascites by protein G affinity chromatography.

**USAGE**

The purified reagent is effective for indirect immunofluorescence staining of human cells for flow cytometric analysis and is tested for immunohistochemical staining of acetone-fixed frozen sections.

**STORAGE**

For purified forms, long term storage at -20°C.

**REFERENCES**

Tadamitsu K, K.Hitoshi, A.E.G.Kr.van dem Borne, et al., eds. 1997. Leucocyte Typing : White Cell Differentiation Antigens. P: 760-766 Garland Publishing, Inc., New York.