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PE/Cyanine5 Anti-Human CD147 Antibody[HIM6]

Catalog Number: E-AB-F1056G

Note: Centrifuge before opening to ensure complete recovery of vial contents.

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Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ

Clone No. HIM6

PE/Cyanine5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792G] Isotype Control

Conjugation

Conjugation Information PE/Cyanine5 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 670 nm

(e.g., a 690/50 nm bandpass filter).

Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Preparation & Storage

Keep as concentrated solution. **Storage**

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names 5F7;BSG;Basigin;CD147;Collagenase stimulatory factor;EMMPRIN;Extracellular matrix

metalloproteinase inducer; Leukocyte activation antigen M6; OK blood group antigen;

TCSF;Tumor cell-derived collagenase stimulatory factor

Uniprot ID P35613 Gene ID 682

Background CD147, also known as neurothelin or basigin, is a member of the Ig superfamily. It is a

55-65 kD type I transmembrane glycoprotein which is primarily expressed on

leukocytes, erythrocytes, platelets, and endothelial cells. CD147 is reported to have a function during embryonal brain development and/or play a role in integrin-mediated

adhesion in brain endothelia.

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