

A Reliable Research Partner in Life Science and Medicine

PerCP/Cyanine5.5 Anti-Human CD147 Antibody[3A3]

Catalog Number: AN00343J

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG2a, κ

Clone No. 3A3

Isotype Control PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792J]

Conjugation PerCP/Cyanine 5.5

Conjugation Information PerCP/Cyanine 5.5 is designed to be excited by the blue laser (488 nm) and detected

using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).

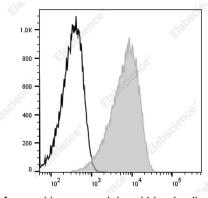
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Staining of normal human peripheral blood cells with PerCP/Cyanine5.5 Anti-Human CD147 Antibody[3A3] (filled gray histogram) or PerCP/Cyanine5.5 Mouse IgG2a, κ Isotype Control (empty black histogram). Cells in the lymphocytes gate were used for analysis.

Preparation & Storage

Storage Keep as concentrated solution.

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

exposure to light and do not freeze.

Shipping lce bag

Antigen Information

Alternate Names Basigin,BSG,5F7,Collagenase stimulatory factor,Extracellular matrix metalloproteinase

inducer,EMMPRIN,Leukocyte activation antigen M6,OK blood group antigen,Tumor cell-

derived collagenase stimulatory factor, TCSF, CD147; AN00343

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 Uniprot ID
 P35613

 Gene ID
 682

Background CD147, also known as neurothelin or basigin, is a member of the lg 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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