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## FITC Anti-Human CD147 Antibody[3A3]

Catalog Number: AN00343C

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 FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792C]

Conjugation FITC

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

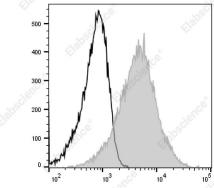
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### 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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ 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 FITC Anti-Human CD147 Antibody[3A3] (filled gray histogram) or FITC 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

### For Research Use Only

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 Uniprot ID
 P35613

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 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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