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# APC Anti-Human CD147 Antibody[HIM6]

Catalog Number: E-AB-F1056E

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

#### Description

Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ

Clone No. HIM6

APC Mouse IgG1, k Isotype Control[MOPC-21] [Product E-AB-F09792E] Isotype Control

Conjugation

**Conjugation Information** APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

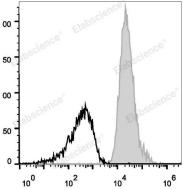
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### **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 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.

#### Data



Human peripheral blood lymphocytes are stained with APC Anti-Human CD147 Antibody (filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.

### **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

## For Research Use Only

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Rev. V1.5

### **Elabscience Bionovation Inc.**



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Gene ID

Background

682

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.