

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® 647 Anti-Human CD147 Antibody[HIM6]

Catalog Number: E-AB-F1056M

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

#### **Description**

Reactivity Human Host Mouse

**Isotype** Mouse IgG1, κ

Clone No. HIM6

Isotype Control Elab Fluor® 647 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792M]

Conjugation Elab Fluor® 647

**Conjugation Information** Elab Fluor<sup>®</sup> 647 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 670 nm (e.g., a 660/20 nm bandpass filter).

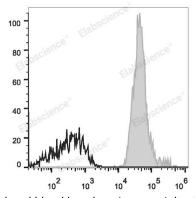
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

## 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  $\mu$ 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



Human peripheral blood lymphocytes are stained with Elab

Fluor<sup>®</sup> 647 Anti-Human CD147 Antibody (filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.

#### **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 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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### **Elabscience Bionovation Inc.**



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Gene ID

Background

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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.