

## AF/LE Purified Anti-Human CD147 Antibody[HIM6]

**catalog number:** E-AB-F10560

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

### Description

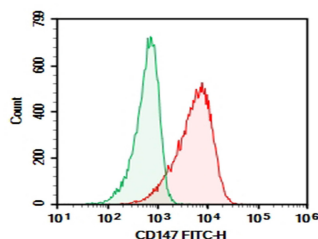
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human CD147 protein
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, $\kappa$
<b>Clone</b>	HIM6
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method

### Applications

### Recommended Dilution

<b>FCM</b>	2 $\mu$ g/mL ( $1 \times 10^5$ - $5 \times 10^5$ cells)
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### Data



Human peripheral blood lymphocytes were stained with 0.2  $\mu$ g AF/LE Purified Anti-Human CD147 Antibody[HIM6] (Right) and 0.2  $\mu$ g Mouse IgG1,  $\kappa$  Isotype Control (Left), followed by FITC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
<b>Shipping</b>	Ice bag

### 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.

### For Research Use Only