



## Product Datasheet

# Biotin Anti-Human CD147 Antibody [HIM6]

Catalogue Code: AGEL0238

### Antibody Data

<b>Product SKU:</b>	<b>AGEL0238</b>	<b>Clone:</b>	<b>HIM6</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Human</b>		

### Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

### Product Information:

<b>Alternate Names:</b>	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;
<b>Uniprot ID:</b>	P35613
<b>Background:</b>	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.
<b>Form:</b>	Liquid
<b>Conjugation:</b>	Biotin
<b>Size:</b>	25&micro;g, 100&micro;g
<b>Host Species:</b>	Mouse
<b>Isotype:</b>	Mouse IgG1, κ
<b>Isotype Control:</b>	Biotin Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL0238]
<b>Storage Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
<b>Shipping:</b>	Biological ice pack at 4°C

**Stability & Storage:** Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**Recommended Usage:** Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is  $\leq 1.0 \mu\text{g}$  per  $10^6$  cells in 100  $\mu\text{L}$  volume or 100  $\mu\text{L}$  of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

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