



## Product Datasheet

### Purified Anti-Human CD147 Antibody [HIM6]

Catalogue Code: AGEL0237

#### Antibody Data

Product SKU:	AGEL0237	Clone:	HIM6
Applications:	FCM		
Reactivity:	Human		

#### Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

#### Product 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;
Uniprot ID:	P35613
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.
Form:	Liquid
Conjugation:	Unconjugated
Size:	25&micro;g, 100&micro;g
Host Species:	Mouse
Isotype:	Mouse IgG1, $\kappa$
Isotype Control:	Purified Mouse IgG1, $\kappa$ Isotype Control[MOPC-21] [Product AGEL0237]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
Shipping:	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  $\leq 0.5 \mu\text{g}$  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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