



Product Datasheet  
**Human CD147 Monoclonal Antibody  
(AGEL0237)**  
Catalogue Code: AGEL0237

## Antibody Data

<b>Product SKU:</b>	AGEL0237	<b>Clone</b>	HIM6
<b>Applications:</b>	FC,IHC	<b>Conjugate</b>	Unconjugated
<b>Reactivity:</b>	Human		

## Immunogen Information:

**Gene ID:** 682

**Swiss Prot:** P35613

**Synonyms:** 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

## Product Information:

**Host Species:** Mouse

**Isotype:** Mouse IgG1

**Storage:** PBS with 0.05% Proclin300

**Recommended Dilution:** Each lot of this antibody is quality control tested by immunofluorescent staining with 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.

## 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.

## Images:

