

### 30-1172: Anti-CD147 / Basigin / Neurothelin Monoclonal Antibody (Clone:MEM-M6/1)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MEM-M6/1
<b>Application :</b>	IP,IHC,FACS,WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	BSG
<b>Gene ID :</b>	682
<b>Uniprot ID :</b>	P35613
<b>Format :</b>	Purified
<b>Alternative Name :</b>	BSG,UNQ6505/PRO21383
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Protein A-CR purified soluble recombinant form of CD147, CD147Rg, which consists of the cDNA coding for the hinge region, CH2-and CH3 domain of human IgG1 (CD147Rg is secreted by transfectants as a dimer).

#### Description

CD147 (basigin, neurothelin, OX-47, 5A11, CE9, M6) also known as EMMPRIN (extracellular matrix metalloproteinase inducer) or TCSF (tumour cell-derived collagenase-stimulatory factor) is an ubiquitously expressed cell surface protein with multiple glycosylated forms. The highest level of CD147 expression is on metabolically active cells, such as lymphoblasts, inflammatory cells, brown adipocytes and malignant tumour cells. CD147 has multiple functions, including facilitating of cell surface expression of monocarboxylate transporter proteins and extracellular matrix metalloproteinases, regulation of integrin functions, it plays roles in cell development and activation, fetal development or retinal function.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

#### Application Note

**Flow Cytometry** *Recommended dilution:* 10 µg/ml

**Immunoprecipitation Western Blotting** *Recommended dilution:* 1 µg/ml. Both reducing and non-reducing conditions.

**Immunohistochemistry** *Recommended dilution:* 10 µg/ml

*Positive tissue:* testis