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

Clonality :	Monoclonal
Clone Name :	MEM-M6/1
Application :	IP,IHC,FACS,WB
Reactivity :	Human
Gene :	BSG
Gene ID :	682
Uniprot ID :	P35613
Format :	Purified
Alternative Name :	BSG,UNQ6505/PRO21383
Isotype :	Mouse IgG1
Immunogen Information :	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

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.