

Anti-Hu CD147 Purified BSG Monoclonal Antibody

Catalog Number: M00248

About BSG

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.

Overview

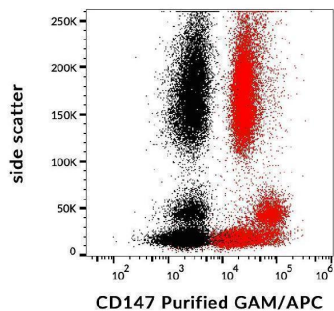
Product Name	Anti-Hu CD147 Purified BSG Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Hu CD147 Purified BSG Monoclonal Antibody (Catalog# M00248). Tested in Flow Cytometry, IP, WB, IHC-P application(s). This antibody reacts with Human.
Application	Flow Cytometry, IP, IHC-P, WB
Clonality	Monoclonal MEM-M6/1
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	P35613

Technical Details

Immunogen	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). The antibody MEM-M6/1 recognizes an extracellular epitope in the N-terminal Ig domain (D1) of CD147 (Neurothelin), a 50-60 kDa type I transmembrane glycoprotein primarily expressed on all leukocytes, red blood cells, platelets and endothelial cells; it is not expressed by resting lymphocytes. The antibody MEM-M6/1 is a high-affinity antibody capable of binding to unstimulated peripheral blood T cells.
Predicted Reactive Species	Primate
Isotype	Mouse IgG1
Form	Liquid
Concentration	1 mg/ml

Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Immunohistochemistry (paraffin sections): 10 ug/ml; positive tissue: testis. Flow cytometry: 10 ug/ml. Western blotting: 1 ug/ml, both reducing and non-reducing conditions

Anti-Hu CD147 Purified BSG Monoclonal Antibody (M00248) Images



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