

Product Datasheet

CD147 Antibody (orb44451)

Catalog Number	orb44451
Category	Antibodies
Description	Mouse monoclonal antibody to CD147
Target	CD147
Clonality	Monoclonal
Isotype	Mouse IgG2b
Conjugation	Unconjugated
Reactivity	Human, Porcine
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified by protein-A affinity chromatography.
Immunogen	A soluble recombinant form of CD147, CD147Rg, which consists of the cDNA coding for the entire extracellular region of CD147 fused to the DNA coding for the hinge region, CH2 and CH3 domain of human IgG1.
UniProt ID	P35613
RRID	AB_10992759
Tested applications	FC, IHC-P
Application notes	Flow cytometry: Recommended dilution: 4 µg/ml. Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml; positive tissue: testis.

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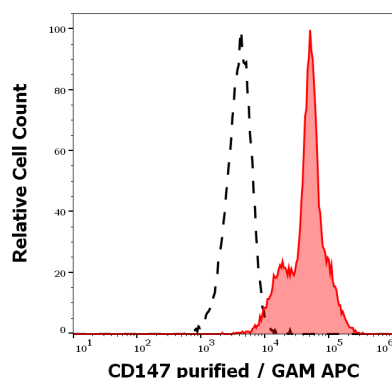
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Specificity	The antibody MEM-M6/2 recognizes extracellular Ig domain D1 of CD147 (Neurothelin), a 50-60 kDa type I transmembrane glycoprotein primarily expressed on all leukocytes, red blood cells, platelets and endothelial cells; it is not expressed by resting lymphocytes. The antibody MEM-M6/1 is a high-affinity antibody capable of binding to unstimulated peripheral blood T cells.
Antibody Type	Primary Antibody
Clone Number	MEM-M6/2
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	682
Expiration Date	12 months from date of receipt.



Separation of leukocytes stained using anti-human CD147 (MEM-M6/2) purified antibody (concentration in sample 0.6 µg/ml, GAM APC, red-filled) from leukocytes unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).

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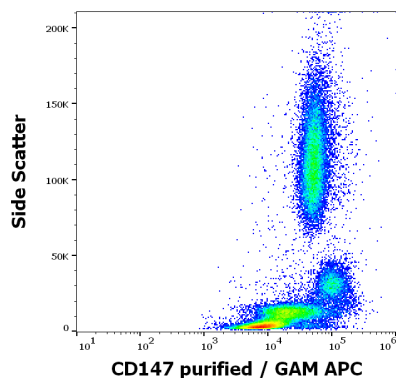
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Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD147 (MEM-M6/2) purified antibody (concentration in sample 0.6 µg/ml, GAM APC).

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