

Technical Data Sheet

Product **Anti-Hu CD147 Purified Low Endotoxin**

Cat. Number/Size **12-507-C100 0.1 mg**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	CD147
Clone	MEM-M6/6
Format	Purified Low Endotoxin
Reactivity	Human
Application	FC (QC tested), WB, FUNC
Application details	Functional application: The antibody MEM-M6/6 (high-affinity mAb of unique epitope specificity) inhibits anti-CD3-induced T cell activation. Flow cytometry: recommended dilution: 1-4 µg/ml. Western blotting: Positive control: 293 human fibroblastoid cell line, non-reducing conditions.
Isotype	Mouse IgG1
Specificity	The antibody MEM-M6/6 recognizes extracellular Ig domain D2 (membrane proximal) 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.
Other names	Neurothelin, Basigin, LAM6, CSF, 5F7, TCSF, BSG, TCSF, Emprin, OK blood group
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).
Entrez Gene ID	682
Gene name	BSG
NCBI Full Gene Name	basigin (Ok blood group)
UniProt ID	P35613

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Concentration	1 mg/ml
Preparation	Purified by protein-A affinity chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4
Storage and handling	Store at 2-8°C. Do not freeze.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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