

Technical Data Sheet

Product	<b>Anti-Hu CD31 Biotin</b>	
Cat. Number/Size	<b>1B-273-C025</b>	<b>0.025 mg</b>
	<b>1B-273-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	CD31
Clone	MEM-05
Format	Biotin
Reactivity	Human
Application	FC (QC tested), WB, IHC-P, ICC
Application details	Flow cytometry: Recommended dilution: 2-4 µg/ml.
Isotype	Mouse IgG1
Specificity	The antibody MEM-05 reacts with an extracellular epitope of CD31 (PECAM-1), a 130-140 kDa type I transmembrane glycoprotein expressed on monocytes, platelets, granulocytes, endothelial cells and stem cells of the myeloid lineage.
Other names	PECAM-1, EndoCAM, GPIIA, PECA1
Immunogen	Leukocytes of a patient suffering from LGL-type leukaemia
Entrez Gene ID	5175
Gene name	PECAM1
NCBI Full Gene Name	platelet and endothelial cell adhesion molecule 1
UniProt ID	P16284

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Concentration	1 mg/ml
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
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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