

Technical Data Sheet

Product	Anti-Hu CD36 Biotin	
Cat. Number/Size	1B-451-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD36
Clone	TR9
Format	Biotin
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: Recommended dilution: 1 µg/ml.
Isotype	Mouse IgG1
Specificity	The antibody TR9 reacts with an extracellular epitope of CD36 (GPIIb), a 85 kDa integral membrane glycoprotein expressed on platelets, macrophages, endothelial cells, early erythroid cells and megakaryocytes. The antibody TR9 cross-blocks binding of FITC-labeled standard antibody OKM5. Anti-CD36 antibodies inhibit adhesive functions (e.g. adherence of infected erythrocytes to target cells).
Other names	GPIIb, GPIV, PAS-4, FAT, Thrombospondin receptor, PASIV
Immunogen	Platelets
Entrez Gene ID	948
Gene name	CD36
NCBI Full Gene Name	CD36 molecule
UniProt ID	P16671

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.

Images and References	www.exbio.cz
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