



	Technical Data Sheet	
Product	Anti-Hu CD36 PE	
Cat. Number/Size	1P-648-T025	25 tests
	1P-648-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD36	
Clone	CB38	
Format	PE	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgM kappa	
Specificity	The mouse monoclonal antibody CB38 (NL07) recognizes an extracellular epitope of CD36 (GPIIb), a 85-113 kDa integral membrane glycoprotein expressed on platelets, macrophages, endothelial cells, early erythroid cells and megakaryocytes.	
Other names	GPIIb, GPIV, PAS-4, FAT, Thrombospondin receptor, PASIV	
Workshop	HLDA IV: WS Code P106	
Immunogen	living human myeloid cells	
Entrez Gene ID	948	
Gene name	CD36	
NCBI Full Gene Name	CD36 molecule	
UniProt ID	P16671	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	
Formulation	Stabilizing Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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