

Technical Data Sheet

Product	Anti-Hu CD64 Pacific Blue™	
Cat. Number/Size	PB-644-T025	25 tests
	PB-644-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD64
Clone	10.1
Format	Pacific Blue™
Reactivity	Human, Non-human primates
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	violet (405 nm)
Isotype	Mouse IgG1 kappa
Specificity	The mouse monoclonal antibody 10.1 recognizes an extracellular epitope on CD64/FcγRI, a 72 kDa single chain type I glycoprotein, that is expressed on monocytes/macrophages, dendritic cells, and activated granulocytes.
Other names	FcRI, IGFR1, FcγR1A
Workshop	HLDA III: WS Code M-250
Immunogen	Rheumatoid synovial fluid cells and fibronectin purified human monocytes
Entrez Gene ID	2209
Gene name	FCGR1A
NCBI Full Gene Name	Fc fragment of IgG receptor Ia
UniProt ID	P12314

Preparation	The purified antibody is conjugated with Pacific Blue™ under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

Images and References www.exbio.cz

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