

Technical Data Sheet

Product	Anti-Hu CD64 Biotin	
Cat. Number/Size	1B-644-C025	0.025 mg
	1B-644-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD64
Clone	10.1
Format	Biotin
Reactivity	Human, Non-human primates
Application	FC (QC tested), IP, WB, IHC(P), IHC(F), ICC
Application details	Flow cytometry: Recommended dilution: 4 µg/ml.
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. The epitope is sensitive to formalin fixation.
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

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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