



	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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