



	Technical Data Sheet	
Product	Anti-Hu CD33 Biotin	
Cat. Number/Size	1B-365-C025	0.025 mg
	1B-365-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD33	
Clone	HIM3-4	
Format	Biotin	
Reactivity	Non-human primates, Human	
Application	FC (QC tested)	
Application details	Flow cytometry: Recommended dilution: 1-12 µg/ml	
Isotype	Mouse IgG1	
Specificity	The antibody HIM3-4 reacts with an extracellular epitope of CD33, a 67 kDa type I transmembrane glycoprotein (immunoglobulin superfamily) expressed on myeloid progenitors, monocytes, granulocytes, dendritic cells and mast cells; it is absent on platelets, lymphocytes, erythrocytes and hematopoietic stem cells.	
Other names	SIGLEC3, p67	
Workshop	HLDA V: WS Code M MA112; HLDA VI: WS Code M MA47	
Immunogen	NFMY-9s human cell line	
Entrez Gene ID	945	
Gene name	CD33	
NCBI Full Gene Name	CD33 molecule	
UniProt ID	P20138	
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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