



Technical Data Sheet

Product	Anti-Hu CD33 Purified Low Endotoxin	
Cat. Number/Size	12-662-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD33
Clone	WM53
Format	Purified Low Endotoxin
Reactivity	Non-human primates, Human
Application	FC (QC tested), IP, WB, IHC-F, ICC, MC-CyTOF, FUNC
Application details	Functional application: Induction of cytokine production. Immunohistochemistry (frozen sections): Acetone fixation. Flow cytometry: Recommended dilution: 1-4 µg/ml
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody WM53 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 IV: WS Code M-505
Immunogen	Human AML cells
Entrez Gene ID	945
Gene name	CD33
NCBI Full Gene Name	CD33 molecule
UniProt ID	P20138
Concentration	1 mg/ml
Preparation	Purified by protein-A affinity chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4
Storage and handling	Store at 2-8°C. Do not freeze.
Images and References	www.exbio.cz

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