

Technical Data Sheet

Product	Anti-Hu CD33 PE-Cy™5	
Cat. Number/Size	T8-662-T025	25 tests
	T8-662-T100	100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD33
Clone	WM53
Format	PE-Cy™5
Reactivity	Non-human primates, Human
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	blue (488 nm)
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

Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 5 (PE-Cy™5) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References www.exbio.cz

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