



	Technical Data Sheet	
Product	Anti-Hu CD300a PE	
Cat. Number/Size	1P-501-T025	25 tests
	1P-501-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD300a	
Clone	MEM-260	
Format	PE	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-260 reacts with an extracellular epitope of CD300a, a 60 kDa leukocyte transmembrane glycoprotein expressed on human granulocytes, monocytes, neutrophils, NK cells, mast cells and dendritic cells, 25% of circulating T cells and 15% of circulating B cells.	
Other names	IRC, CLM-8, IGSF12, CMRF35H	
Immunogen	HPB human acute lymphoid leukemia cell line	
Entrez Gene ID	11314	
Gene name	CD300A	
NCBI Full Gene Name	CD300a molecule	
UniProt ID	Q9UGN4	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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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