



	Technical Data Sheet	
Product	<b>Anti-Hu CD170 PE</b>	
Cat. Number/Size	<b>1P-156-T025</b>	<b>25 tests</b>
	<b>1P-156-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	CD170	
Clone	1A5	
Format	PE	
Reactivity	Non-human primates, Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody 1A5 recognizes an extracellular epitope of CD170 (Siglec-5, sialic acid binding Ig-like lectin 5), a transmembrane glycoprotein expressed strongly by neutrophils, macrophages activated during infections, monocytes, and dendritic cells. As in case with other anti-CD170 antibodies, this antibody crossreacts with Siglec-14, whose first two Ig domains are almost identical to those of CD170.	
Other names	OBBP2, OB-BP2, SIGLEC-5, SIGLEC5	
Workshop	HLDA VII: WS Code 70443	
Immunogen	Fusion protein composed of human CD170 extracellular domain and Fc region of human IgG1	
Entrez Gene ID	8778	
Gene name	SIGLEC5	
NCBI Full Gene Name	sialic acid binding Ig like lectin 5	
UniProt ID	O15389	
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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