

Technical Data Sheet

Product

Anti-Hu CD170 APC

Cat. Number/Size

1A-156-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD170
Clone	1A5
Format	APC
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 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Excitation laser	red (633 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 activated allophycocyanin (APC) 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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