

Technical Data Sheet

Product

Anti-Hu CD52 APC

Cat. Number/Size

1A-368-T025

25 tests

1A-368-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD52
Clone	HI186
Format	APC
Reactivity	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 IgG2b
Specificity	The antibody HI186 reacts with CD52 (CAMPATH-1), a 21-28 kDa extracellular glycoprotein containing a large N-linked carbohydrate moiety; mature CD52 molecule is actually much smaller (approx. 8-9 kDa). CD52 is expressed at high levels on lymphocytes, monocytes/macrophages and in male reproductive tract.
Other names	CAMPATH-1, HE5, ESPE5
Workshop	HLDA VI: WS Code BP 523; HLDA VI: WS Code T 6T-057
Immunogen	Human tonsil
Entrez Gene ID	1043
Gene name	CD52
NCBI Full Gene Name	CD52 molecule
UniProt ID	P31358

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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