

Technical Data Sheet

Product	Anti-Hu CD52 FITC	
Cat. Number/Size	1F-368-T025	25 tests
	1F-368-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD52
Clone	HI186
Format	FITC
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 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	The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

Images and References www.exbio.cz

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