



	Technical Data Sheet	
Product	Anti-Hu CD52 FITC	
Cat. Number/Size	1F-878-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD52	
Clone	4C8	
Format	FITC	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG3	
Specificity	The mouse monoclonal antibody 4C8 recognizes CD52, a GPI-anchored glycopeptide expressed on the surface of lymphocytes, macrophages, epithelial cells of male reproductive tract, and mature sperms.	
Other names	CAMPATH-1, HE5, ESPE5	
Immunogen	human lymphocytes	
Entrez Gene ID	1043	
Gene name	CD52	
NCBI Full Gene Name	CD52 molecule	
UniProt ID	P31358	
Preparation	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) 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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