

Technical Data Sheet

Product

**Anti-Hu CD52 APC**

Cat. Number/Size

**1A-878-T100**

**100 tests**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

Antigen	CD52
Clone	4C8
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 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Excitation laser	red (633 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 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](http://www.exbio.cz)

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