

Technical Data Sheet

Product	Anti-Hu CD35 APC
Cat. Number/Size	1A-703-T100 100 tests
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	CD35
Clone	E11
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 E11 recognizes an extracellular epitope of CD35 (CR1), a type I transmembrane glycoprotein expressed on granulocytes, monocytes, B cells, follicular dendritic cells, erythrocytes, NK and T cell subsets, as well as e.g. on glomerular podocytes.
Other names	CR1, KN, C3BR, C4BR
Workshop	HLDA III: WS Code 204
Immunogen	Acute monocytic leukemia cells and normal blood monocytes
Entrez Gene ID	1378
Gene name	CR1
NCBI Full Gene Name	complement C3b/C4b receptor 1 (Knops blood group)
UniProt ID	P17927

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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