

Technical Data Sheet

Product	Anti-Hu CD35 PE	
Cat. Number/Size	1P-703-T025	25 tests
	1P-703-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD35	
Clone	E11	
Format	PE	
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	blue (488 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	The purified antibody is conjugated with R-phycoerythrin (PE) 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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