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Technical Data Sheet

Product	**Anti-Hu CD23 PE**
Cat. Number/Size	**1P-689-T025** **25 tests** **1P-689-T100** **100 tests**
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	CD23
Clone	EBVCS-5
Format	PE
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 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1 kappa
Specificity	The mouse monoclonal antibody EBVCS-5 recognizes an extracellular epitope located in the stalk region of human low affinity IgE receptor (CD23) between the 37 and 25 kDa cleavage sites.
Other names	FCER2, Fc-epsilon-RII, BLAST-2, FCE2, CLEC4J, IGEBF
Immunogen	EBV-transformed human cells
Entrez Gene ID	2208
Gene name	FCER2
NCBI Full Gene Name	low affinity immunoglobulin epsilon Fc receptor
UniProt ID	P06734

Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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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