



	Technical Data Sheet	
Product	Anti-Hu CD123 PE-Cy™5	
Cat. Number/Size	T8-700-T025	25 tests
	T8-700-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD123	
Clone	6H6	
Format	PE-Cy™5	
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 IgG1	
Specificity	The mouse monoclonal antibody 6H6 recognizes an extracellular epitope of CD123 (interleukin 3 receptor alpha), a 60-70 kDa transmembrane protein expressed by myeloid precursors, megakaryocytes, macrophages, dendritic cells, mast cells, basophils, and some B cells. This antibody does not inhibit IL-3 binding to its receptor.	
Other names	IL3RA, MGC34174, hIL-3Ra	
Immunogen	IL3 receptor alpha chain expressed on the surface of transiently transfected COS cells	
Entrez Gene ID	3563	
Gene name	IL3RA	
NCBI Full Gene Name	interleukin 3 receptor subunit alpha	
UniProt ID	P26951	
Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 5 (PE-Cy™5) 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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