



	Technical Data Sheet	
Product	Anti-Hu CD79a PE-Cy™7	
Cat. Number/Size	T7-731-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD79a	
Clone	HM47	
Format	PE-Cy™7	
Reactivity	Dog, Chicken, Rabbit, Guinea pig, Horse, Cow, Mouse, Rat, Pig, Non-human primates, 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. Intracellular staining.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody HM47 reacts with intracellular domain of CD79a (Ig alpha), a 40-45 kDa subunit of B cell antigen-specific receptor (BCR) and its early developmental forms.	
Other names	BCR alpha, Ig-alpha, MB-1, IGA	
Workshop	HLDA V: WS code cB017	
Immunogen	Synthetic peptide corresponding to C terminal amino acids 208-222 of human CD79a	
Entrez Gene ID	973	
Gene name	CD79A	
NCBI Full Gene Name	CD79a molecule	
UniProt ID	P11912	
Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy™7) 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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