

Technical Data Sheet

Product	Anti-Hu CD79a APC	
Cat. Number/Size	1A-530-T025	25 tests
	1A-530-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD79a	
Clone	HM57	
Format	APC	
Reactivity	Chicken, Rabbit, Opossum, Guinea pig, Horse, Cow, Pig, Mouse, Rat, 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 antibody HM57 interacts 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 BC cB018; HLDA VI: WS Code BP 193; HLDA VI: WS Code BP 89; HLDA VI: WS Code B B103; HLDA VI: WS Code B CD79.4	
Immunogen	Synthetic peptide corresponding to amino acids 202-216 of human CD79a	
Entrez Gene ID	973	
Gene name	CD79A	
NCBI Full Gene Name	CD79a molecule	
UniProt ID	P11912	
Preparation	The purified antibody is conjugated with allophycocyanin (APC) 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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