



Technical Data Sheet

Product	Anti-Hu CD79a Alexa Fluor® 647		
Cat. Number/Size	A6-530-T100	100 tests	
	For Research Use Only.		
	Not for use in diagnostic or therapeutic procedures.		
Antigen	CD79a		
Clone	HM57		
Format	Alexa Fluor® 647		
Reactivity	Chicken, Rabbit, Opossum, Guinea pig, Horse, Cow, Pig, Mouse, Rat, Human		
Application	IHC-P, FC (QC tested), IHC-F		
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	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	Purified antibody is conjugated with Alexa Fluor® 647 NHS ester 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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