

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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