

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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