

Technical Data Sheet

Product	Anti-Hu CD57 PE-Cy™7
Cat. Number/Size	T7-158-T100 100 tests
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	CD57
Clone	TB01
Format	PE-Cy™7
Reactivity	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.
Excitation laser	blue (488 nm)
Isotype	Mouse IgM
Specificity	The mouse monoclonal antibody TB01 recognizes CD57, a carbohydrate extracellular antigen present mainly on NK cells, NK T cells, and in neural tissue.
Other names	HNK1, LEU7, 3-O-sulfoglucuronic acid beta1-3 Gal beta1-4 GlcNAc
Workshop	HLDA VI: WS Code NK16
Immunogen	A pool of neuroblastoma cell lines
Entrez Gene ID	27087
Gene name	B3GAT1
NCBI Full Gene Name	beta-1,3-glucuronyltransferase 1
UniProt ID	Q9P2W7

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 Tris buffered saline (TBS), pH 8.0, 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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