

Technical Data Sheet

Product

**Anti-Hu CD45 PerCP-Cy™5.5**

Cat. Number/Size

**T9-222-T025**

**25 tests**

**T9-222-T100**

**100 tests**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	CD45
Clone	MEM-28
Format	PerCP-Cy™5.5
Reactivity	Human
Negative species	Horse
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 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The antibody MEM-28 reacts with an extracellular epitope on all alternative forms of human CD45 antigen (Leukocyte Common Antigen), a 180-220 kDa single chain type I transmembrane protein expressed at high level on all cells of hematopoietic origin, except erythrocytes and platelets.
Other names	LCA, T200, LY5, B220, GP180, TPC
Workshop	HLDA III: WS Code NL 833a
Immunogen	Human thymocytes and T lymphocytes.
Entrez Gene ID	5788
Gene name	PTPRC
NCBI Full Gene Name	protein tyrosine phosphatase receptor type C
UniProt ID	P08575

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Preparation	The purified antibody is conjugated with tandem dye PerCP-Cy™5.5 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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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