

Technical Data Sheet

Product

**Anti-Hu CD222 PE**

Cat. Number/Size

**1P-790-T100**

**100 tests**

**For Research Use Only.**

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

Antigen	CD222
Clone	MEM-240
Format	PE
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. Extracellular and intracellular staining.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The antibody MEM-240 recognizes an extracellular epitope between amino acids 698-1262 of CD222 (IGF2 receptor), a ubiquitously expressed 250 kDa multifunctional type I transmembrane protein. The majority of CD222 is found in the late endosomal/prelysosomal compartment, 5-10% in the plasma membrane and the truncated (220 kDa) form of CD222 is present in human and bovine serum.
Other names	IGF2R, MPR1, CIMPR, MPR300, M6P-R
Workshop	HLDA VII; WS Code 70641
Immunogen	Recombinant Vaccinia virus encoding CD222.
Entrez Gene ID	3482
Gene name	IGF2R
NCBI Full Gene Name	insulin like growth factor 2 receptorprovided
UniProt ID	P11717

**Preparation** Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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](http://www.exbio.cz)

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