



	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 ⁶ 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	

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