



Technical Data Sheet

Product	Anti-Hu CD222 Alexa Fluor® 647	
Cat. Number/Size	A6-315-T025	25 tests
	A6-315-T100	100 tests
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		

Antigen	CD222
Clone	MEM-238
Format	Alexa Fluor® 647
Reactivity	Non-human primates, Human
Application	FC (QC tested), WB
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. Extracellular and intracellular staining.
Excitation laser	red (633 nm)
Isotype	Mouse IgG1
Specificity	The antibody MEM-238 recognizes an extracellular epitope between amino acids 192-697 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 70640
Immunogen	Recombinant <i>Vaccinia</i> 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 Alexa Fluor® 647 NHS ester 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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