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Product datasheet for SM2004P

IGF2R Mouse Monoclonal Antibody [Clone ID: MEM-238]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MEM-238
Applications:	FC
Recommended Dilution:	Flow cytometry: 1/25 - 1/50; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises CD222. Clone MEM-238 recognises an epitope located in the region between extracellular domains 2 and 5 (aa 192-697) of CD222. CD222 is primarily expressed intracellularly with a small percentage of molecules being located at the cell surface (5 - 10%).
Formulation:	PBS containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	insulin like growth factor 2 receptor
Database Link:	Entrez Gene 3482 Human P11717
Background:	CD222 is a 250 KD transmembrane protein originally identified as the IGF II receptor. CD222 is ubiquitously expressed and is involved with internalization of a variety of ligands.
Synonyms:	CI-MPR, Insulin-like growth factor 2 receptor, Insulin-like growth factor II receptor, M6P/IGF2 receptor, CI Man-6-P receptor, M6PR, Late Endosome Marker, M6P/IGF2R, MPR 300

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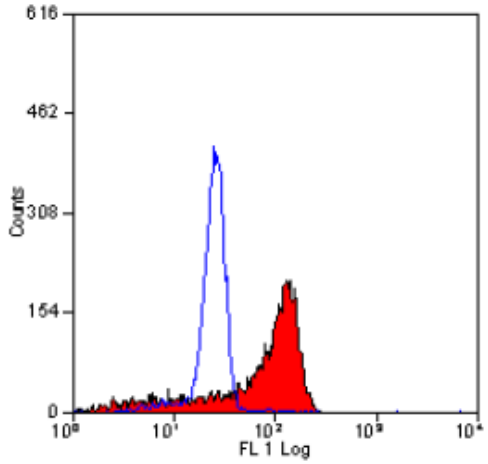
Product images:



Western Blotting analysis (non-reducing conditions) of CD222 in whole cell lysate of JURKAT human peripheral blood T cell leukemia cell line. Lane 1: immunostaining with anti-CD222 (MEM-238). Lane 2: immunostaining with Isotype mouse IgG1 control ([AM03095PU-N])