Product Datasheet

Anti-Hu CD222 Biotin (orb402816)

Description	Mouse monoclonal antibody against CD222 conjugated to biotin
Reactivity	Human, Primate
Conjugation	Biotin
Tested Applications	FC, IP, WB
Immunogen	Recombinant Vaccinia virus encoding CD222.
Target	CD222
Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Concentration	1 mg/ml
Storage	Store at 2-8°C. Do not freeze.
Note	For research use only
Application notes	Flow cytometry: Extracellular and intracellular staining; recommended dilution: 2-6 µg/ml.Western blotting: Recommended dilution: 1 µg/ml; non-reducing conditions.
Isotype	Mouse IgG1
Clonality	Monoclonal
Clone Number	MEM-238
Antibody Type	Primary Antibody
Purity	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.
Uniprot ID	P11717

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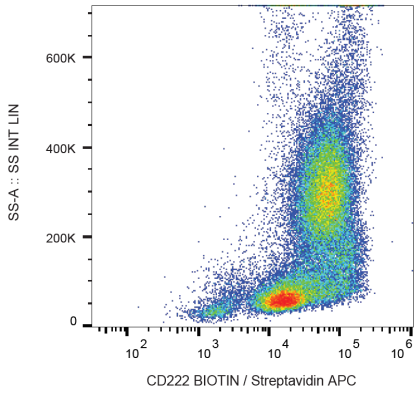
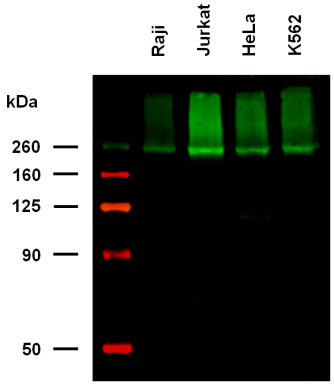
Entrez	**3482**
Dilution Range	Flow cytometry: Extracellular and intracellular staining; recommended dilution: 2-6 µg/ml. Western blotting: Recommended dilution: 1 µg/ml; non-reducing conditions.
Expiration Date	12 months from date of receipt.



Flow cytometry analysis (surface staining) of human peripheral blood with anti-CD222 (MEM-238) biotin, streptavidin-APC.



Anti-Hu CD222 Biotin (clone MEM-238) works in WB application under non-reducing conditions. Western blotting analysis was performed on whole cell extracts (RIPA lysis buffer) of Raji, Jurkat, HeLa, and K562 cell lines, mixed and heated (100°C, 5 min) with non-reducing SDS-loading buffer. Samples were resolved using 7% Tris-glycine SDS gel electrophoresis. Nitrocellulose membrane blot was probed with biotinylated mouse IgG1 monoclonal antibody MEM-238 (1 µg/ml), followed by IRDye 800CW Streptavidin (green). Multiplex fluorescent Western blot detection was performed. CD222 molecules were detected at ~250 kDa in all analysed cell lines.

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