

Mouse anti-CD22/B-cells, clone MEM-01 (Monoclonal)

Clone no. MEM-01

MONOSAN

Product name	Mouse anti-CD22/B-cells, clone MEM-01 (Monoclonal)
Host	Mouse
Applications	FC , IP, WB
Species reactivity	Human, Non-human primates
Conjugate	-
Immunogen	Raji Burkitt's lymphoma cell line
Isotype	IgG1
Clonality	Monoclonal
Clone number	MEM-01
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

CD22, also known as Siglec-2 (sialic acid-binding immunoglobulin-like lectin-2) is a transmembrane glycoprotein binding alpha2,6-linked sialic acid-bearing ligands. Intracellular domain of CD22 recruits protein tyrosine phosphatase SHP-1 through the immunoreceptor tyrosine-based inhibitory motifs (ITIMs), thus setting a threshold for B cell receptor-mediated activation. CD22 also regulates B-cell response by involvement in controlling the CD19/CD21-Src-family protein tyrosine kinase amplification pathway and CD40 signaling. CD22 exhibits hallmarks of clathrin-mediated endocytic pathway.

References

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