

CD22

Mouse Anti-Human CD22 (Clone MEM-01) mAb

Catalog No.	MON1067	Quantity:	100 µg
Alternate Names:	B-cell receptor CD22, B-lymphocyte cell adhesion molecule, BL-CAM, Sialic acid-binding Ig-like lectin 2, Siglec-2, T-cell surface antigen Leu-14		
Description:	MON1067 reacts with CD22, a 130 kDa type I transmembrane glycoprotein (immunoglobulin superfamily) expressed in the cytoplasm of pro-B and pre-B lymphocytes, and on the surface of mature and activated B lymphocytes. Intracellular domain of CD22 recruits protein tyrosine phosphatase SHP1 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.		
Concentration:	1 mg/ml		
UniProt ID:	P20273		
Specificity:	Human and non-human primate CD22/B-cells		
Immunogen:	Raji Burkitt's lymphoma cell line		
Host:	Mouse		
Isotype:	IgG1		
Clone:	MEM-01		
Formulation:	PBS, pH 7.4 containing 15 mM sodium azide Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	Flow cytometry: suggested concentration 2-4 µg/ml Western Blot: suggested concentration 2-4 µg/ml (reducing conditions) IP		
Storage & Stability:	Store undiluted antibody at 2-8°C until expiration date.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

