



Anti-CD22 monoclonal antibody, clone MEM-01 [R-PE] (CABT-45752MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD22 antibody, clone MEM-01 recognizes the human CD22 cell surface antigen, a 130/140kD glycoprotein expressed by cells of B lymphocyte lineage. CD22 is initially expressed cytoplasmically and subsequently on the cell surface during B cell maturation. It is lost upon terminal differentiation to plasma cells. Flow Cytometry Use 10ul of the suggested working dilution to label 6 cells in 100ul.
Specificity	CD22
Immunogen	Burkitt's lymphoma cell line Raji
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	MEM-01
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before

use.

GENE INFORMATION

Gene Name	CD22 CD22 molecule [Homo sapiens (human)]
Official Symbol	CD22
Synonyms	CD22; CD22 molecule; SIGLEC2; SIGLEC-2; B-cell receptor CD22; BL-CAM; CD22 antigen; T-cell surface antigen Leu-14; B-lymphocyte cell adhesion molecule; sialic acid binding Ig-like lectin 2; sialic acid-binding Ig-like lectin 2;
Entrez Gene ID	933
Protein Refseq	NP_001172028
UniProt ID	P20273
Chromosome Location	19q13.1
Pathway	B Cell Receptor Signaling Pathway; B cell receptor signaling pathway; BCR signaling pathway; Cell adhesion molecules (CAMs); Hematopoietic cell lineage;
Function	carbohydrate binding; protein binding;