



Anti-CD22 monoclonal antibody, clone MEM-01 [FITC] (CABT-45748MH)

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 106 cells in 100ul.
Specificity	CD22
Immunogen	Burkitt's lymphoma cell line Raji
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	MEM-01
Conjugate	FITC
Applications	FC
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	100 µg
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. 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;