



# 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 10<sup>6</sup> cells in 100ul.

<b>Specificity</b>	CD22
<b>Immunogen</b>	Burkitt's lymphoma cell line Raji
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	MEM-01
<b>Conjugate</b>	FITC
<b>Applications</b>	FC
<b>Format</b>	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
<b>Size</b>	100 µg
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">CD22 CD22 molecule [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CD22
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">933</a>
<b>Protein Refseq</b>	<a href="#">NP_001172028</a>
<b>UniProt ID</b>	P20273
<b>Chromosome Location</b>	19q13.1
<b>Pathway</b>	B Cell Receptor Signaling Pathway; B cell receptor signaling pathway; BCR signaling pathway; Cell adhesion molecules (CAMs); Hematopoietic cell lineage;
<b>Function</b>	carbohydrate binding; protein binding;