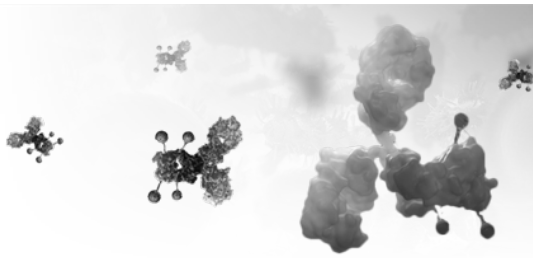

Anti-CD22 monoclonal antibody, clone OX-96 [FITC] (CABT-45760RM)

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

PRODUCT INFORMATION

Product Overview	Rat anti Mouse CD22 antibody, clone OX-96 recognizes domain 1 of the murine cell surface glycoprotein CD22, which is a member of the sialoadhesin family. CD22 is expressed on a subpopulation of mature B-lymphocytes and may modulate signalling through the B-cell antigen receptor. Rat anti Mouse CD22 antibody, clone OX-96 does not block CD22 function. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors.
Specificity	CD22
Isotype	IgG1
Source/Host	Rat
Species Reactivity	Mouse
Clone	OX-96
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.

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GENE INFORMATION

Gene Name	Cd22 CD22 antigen [Mus musculus (house mouse)]
Official Symbol	CD22
Synonyms	CD22; CD22 antigen; Lyb8; Lyb-8; A530093D23; B-cell receptor CD22; BL-CAM; siglec-2; T-cell surface antigen Leu-14; B-lymphocyte cell adhesion molecule; sialic acid-binding Ig-like lectin 2;
Entrez Gene ID	12483
Protein Refseq	NP_001036782
UniProt ID	P35329
Chromosome Location	7 B1; 7 19.26 cM
Pathway	B Cell Receptor Signaling Pathway; B cell receptor signaling pathway; Cell adhesion molecules (CAMs); Hematopoietic cell lineage; XPodNet - protein-protein interactions in the podocyte expanded by STRING;
Function	carbohydrate binding; coreceptor activity; protein binding;

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