



## Anti-CD22 monoclonal antibody, clone OX-96 (CABT-45762RM)

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.

<b>Specificity</b>	CD22
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	OX-96
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FC
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	250 µg
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	in frost-free freezers is not recommended. 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 antigen [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	CD22
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">12483</a>
<b>Protein Refseq</b>	<a href="#">NP_001036782</a>
<b>UniProt ID</b>	P35329
<b>Chromosome Location</b>	7 B1; 7 19.26 cM
<b>Pathway</b>	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;
<b>Function</b>	carbohydrate binding; coreceptor activity; protein binding;