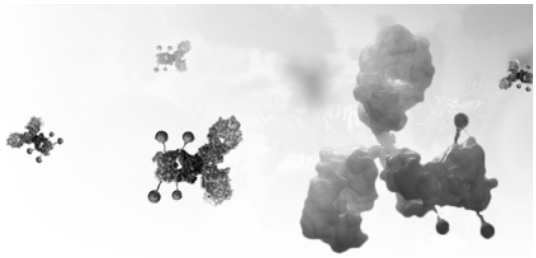

Mouse anti-Human CD22 monoclonal antibody, clone 2F7 (CABT-L845M)

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

PRODUCT INFORMATION

Immunogen	Human recombinant protein fragment corresponding to amino acids 707-847 of human CD22 produced in E.coli.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2F7
Purification	Affinity purified
Conjugate	Unconjugated
Applications	WB, IHC
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	PBS (PH 7.3) containing 1% BSA, 50% glycerol
Preservative	0.02% Sodium Azide
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.
Ship	Wet ice

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BACKGROUND

Introduction	Mediates B-cell B-cell interactions. May be involved in the localization of B-cells in lymphoid tissues. Binds sialylated glycoproteins; one of which is CD45. Preferentially binds to alpha-2,6-linked sialic acid. The sialic acid recognition site can be masked by cis interactions with sialic acids on the same cell surface. Upon ligand induced tyrosine phosphorylation in the immune response seems to be involved in regulation of B-cell antigen receptor signaling. Plays a role in positive regulation through interaction with Src family tyrosine kinases and may also act as an inhibitory receptor by recruiting cytoplasmic phosphatases via their SH2 domains that block signal transduction through dephosphorylation of signaling molecules.
Keywords	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;

GENE INFORMATION

Entrez Gene ID	933
UniProt ID	P20273

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