

Mouse anti-Human Sialic Acid Binding Ig Like Lectin 2 (CD22) Monoclonal Antibody | anti-CD22 antibody

Monoclonal Antibody to Sialic Acid Binding Ig Like Lectin 2 (CD22)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149543	Mouse	Human	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

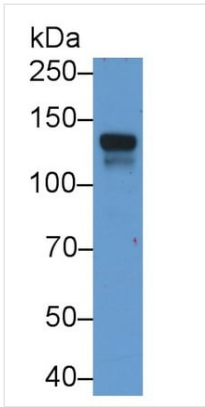
PRODUCT SYNONYMS

Sialic Acid Binding Ig Like Lectin 2 (CD22); Monoclonal Antibody; Monoclonal Antibody to Sialic Acid Binding Ig Like Lectin 2 (CD22); SIGLEC2; BL-CAM; B-cell receptor CD22; B-lymphocyte cell adhesion molecule; T-cell surface antigen Leu-14; anti-CD22 antibody

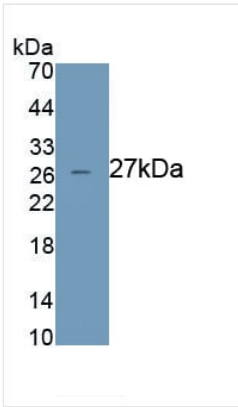
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C2
Specificity	The antibody is a mouse monoclonal antibody raised against CD22. It has been selected for its ability to recognize CD22 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G Affinity Chromatography
Form/Format	Liquid; PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	His28~Ile2 46
Applicable Applications for anti-CD22 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Sequence	His28~Ile246
Cross Reactivity	Human
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



WB (Western Blot)
Western Blot; Sample: Raji cell lysatePrimary Ab: 2?g/ml Mouse Anti-Human SIGLEC2
AntibodySecond Ab: 0.2ug/mL HRP-Linked Rabbit Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Recombinant SIGLEC2, Human.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD22 antibody	CD & Adhesion Molecule; Tumor Immunity; Hematology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	297374825
NCBI GeneID	933
NCBI Accession #	NP_001172028.1
NCBI GenBank Nucleotide #	NM_001185099.1
UniProt Accession #	P20273; O95699; O95701; O95702; O95703; Q01665; Q92872; Q92873; Q9UQA6; Q9UQA7; Q9UQA8; F5H7U3
Molecular Weight	95,348 Da
NCBI Official Full Name	B-cell receptor CD22 isoform 2
NCBI Official Synonym Full Names	CD22 molecule
NCBI Official Symbol	CD22
NCBI Official Synonym Symbols	SIGLEC2; SIGLEC-2
NCBI Protein Information	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
UniProt Protein Name	B-cell receptor CD22
UniProt Gene Name	CD22
UniProt Synonym Gene Names	SIGLEC2; BL-CAM; Siglec-2
UniProt Entry Name	CD22_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.