

Rabbit anti-Human CD22 Monoclonal Antibody | anti-CD22 antibody

Anti-CD22 antibody (DM13), Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47178	Rabbit	Human	Immunofluorescence, Immunoprecipitation, Western Blot, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

CD22; Monoclonal Antibody; Anti-CD22 antibody (DM13); Rabbit mAb; SIGLEC-2; SIGLEC2; anti-CD22 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	DM13
Purity/Purification	Purified from cell culture supernatant by affinity chromatography
Form/Format	Liquid; 0.1% Procline 300; 50% Glycerol; PBS, pH7.4; 0.1% BSA
Applicable Applications for anti-CD22 antibody	IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot), FCM/FACS (Flow Cytometry), ELISA
Immunogen	Recombinant human CD22 (Asp20-Arg687) produced by using human HEK293 cells
Reconstitution	Reconstitute with deionized water
Preservative	0.1% Procline 300
Constituents	50% Glycerol; PBS, pH 7.4; 0.1% BSA
Preparation and Storage	Store at -20 degree C for 12 months (Avoid repeated freezing and thawing) Shipping: Blue Ice

IMAGES



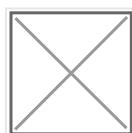
FCM/FACS (Flow Cytometry)

Figure 1. Expi 293 cell line transfected with irrelevant protein (left) and human CD22 (right) were surface stained with Rabbit anti- CD22 monoclonal antibody 1ug/ml (clone: DM13) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.



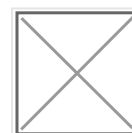
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Figure 1. Expi 293 cell line transfected with irrelevant protein (left) and human CD22 (right) were surface stained with Rabbit anti- CD22 monoclonal antibody 1ug/ml (clone: DM13) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.



Application Data

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ADDITIONAL INFORMATION

Related Product Information for anti-CD22 antibody	CD22 (CD22 Molecule) is a Protein Coding gene. Diseases associated with CD22 include Refractory Hematologic Cancer and Hairy Cell Leukemia. Among its related pathways are Downstream signaling events of B Cell Receptor (BCR) and Hematopoietic cell lineage. Gene Ontology (GO) annotations related to this gene include carbohydrate binding. An important paralog of this gene is SIGLEC2.
Product Categories/Family for anti-CD22 antibody	Primary Antibody

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd22-antibody-clone-dm13-immunofluorescence-immunoprecipitation-western-blot-flow-cytometry-elisa/47178>