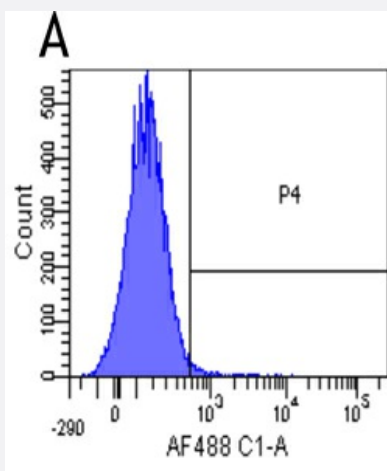


RecomAb™

CD22 recombinant monoclonal antibody, clone hL22 (Epratuzumab)

Catalog # RAB01136 Size 200 ug

Applications



Flow Cytometry

Flow-cytometry were stained with an isotype control at a concentration of 1 ug/mL for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CD22.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against by the humanization of LL2, a murine anti-CD22 IgG2a raised against Raji Burkitt lymphoma cells. Murine sequences comprise 5–10% of the molecule, with the remainder being human framework sequences, which greatly reduces the potential for immunogenicity.
Reactivity	Human
Specificity	This antibody is specific for the 3rd Ig-like domain of human CD22 (epitope B), a cell surface glycoprotein present on mature B-cells and on many types of malignant B-cells.
Form	Liquid
Purification	Protein A affinity purification

Isotype	IgG, Kappa
Recommend Usage	Flow cytometry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Applications

- Flow Cytometry

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Gene Info — CD22

Entrez GeneID	933
Protein Accession#	P20273
Gene Name	CD22
Gene Alias	FLJ22814, MGC130020, SIGLEC-2, SIGLEC2
Gene Description	CD22 molecule
Omim ID	107266
Gene Ontology	Hyperlink
Other Designations	CD22 antigen

Pathway

- [B cell receptor signaling pathway](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Hematopoietic cell lineage](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Scleroderma](#)