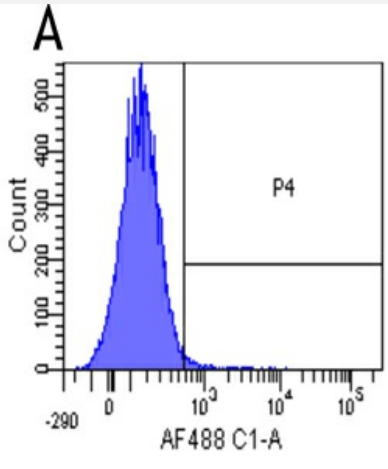
RecomAb™

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
Preparation Method	Mammalian cell (HEK293) expression system

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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.

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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

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Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Lupus Erythematosus
- Scleroderma

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