

CD22 recombinant antibody

Anti-CD22 [hL22 (Epratuzumab)]

CATALOG # AAA71980	REACTIVITY Human, Rhesus Monkey, Cynomolgus Monkey	APPLICATIONS Flow Cytometry, Functional Assay, Immunoprecipitation
------------------------------	--	--

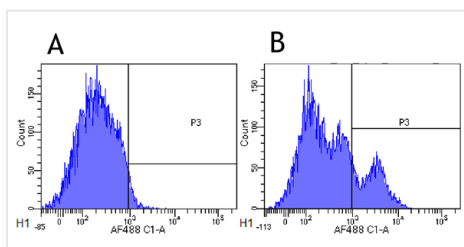
PRODUCT SYNONYMS

CD22; Monoclonal Recombinant Antibody; Anti-CD22 [hL22 (Epratuzumab)]; B-cell receptor CD22; B-lymphocyte cell adhesion molecule; BL-CAM; Sialic acid-binding Ig-like lectin 2; Siglec-2; T-cell surface antigen Leu-14; CD22 recombinant antibody

PRODUCT SPECIFICATIONS

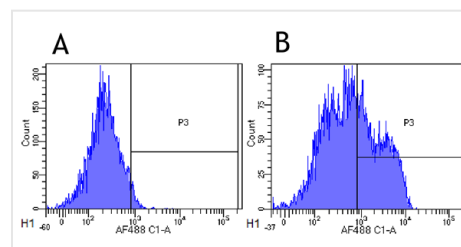
Reactivity	Human, Rhesus Monkey, Cynomolgus Monkey
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	hL22 (Epratuzumab)
Specificity	This antibody is specific for the 3rd Ig-like domain of human CD22 (epitope B), a cell surface glycoprotein present on mature B-cells and on many types of malignant B-cells.
Purity/Purification	Protein A affinity purified
Sequence Length	40
Applicable Applications for CD22 recombinant antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), Blocking
Immunogen	This antibody was prepared by the humanization of LL2 (EPB-2), a murine anti-CD22IgG2a 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 (Traczewski, 2010).
Buffer Composition	PBS only with 0.02% Proclin 300.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



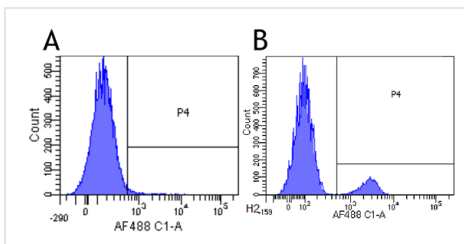
FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-CD22 antibody Epratuzumab Cynomolgus monkey lymphocytes were stained with an isotype control or the rabbit-chimeric version of Epratuzumab 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.



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-CD22 antibody Epratuzumab Rhesus monkey lymphocytes were stained with an isotype control or the rabbit-chimeric version of Epratuzumab 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.



FCM/FACS (Flow Cytometry)
 Flow-cytometry using anti-CD22 antibody Epratuzumab Human lymphocytes were stained with an isotype control or the rabbit-chimeric version of Epratuzumab 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.

ADDITIONAL INFORMATION

Related Product Information for CD22 recombinant antibody	Recombinant monoclonal antibody to CD22. Manufactured using Recombinant Platform with variable regions (i.e. specificity) from the hybridoma hL22 (Epratuzumab).
Product Categories/Family for CD22 recombinant antibody	Oncology ; Autoimmunity ; Biosimilar
References	Pawlak-Byczkowska et al., Leung et al. Cancer research, 15 August 1989, Vol.49(16), pp.4568-77 &Molecular Immunology, 1995, Vol.32(17), pp.1413-1427

NCBI AND UNIPROT INFORMATION

NCBI GI #	4126455
NCBI GeneID	933
NCBI Official Full Name	CD22, partial
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
UniProt Protein Name	B-cell receptor CD22
UniProt Gene Name	CD22
UniProt Synonym Gene Names	SIGLEC2; BL-CAM; Siglec-2

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-recombinant-antibody-clone-hl22-epratuzumab-flow-cytometry-immunoprecipitation-elisa/71980>