

CD52 recombinant antibody

Anti-CD52 [Campath-1H]

CATALOG # AAA71930	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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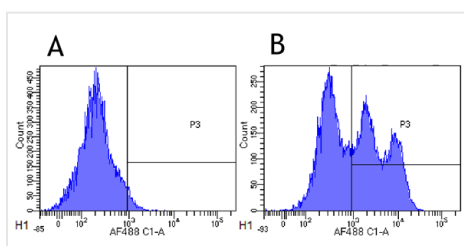
PRODUCT SYNONYMS

CD52; Anti-CD52 [Campath-1H]; CDW52; Cambridge pathology 1 antigen; Epididymal secretory protein E5; Human epididymis-specific protein 5; YTH66.9HL; Alemtuzumab; CD52 recombinant antibody

PRODUCT SPECIFICATIONS

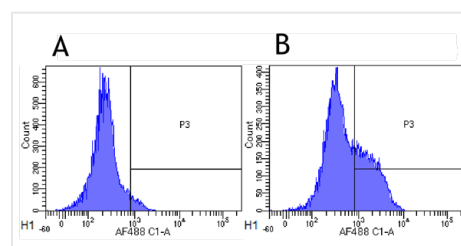
Reactivity	Human
Isotype	Rabbit IgG, kappa
Specificity	Human CD52 antigen, also known as CAMPATH-1. CD52 is expressed at high density by lymphocytes, monocytes, eosinophils, thymocytes and macrophages. It is expressed by most lymphoid derived malignancies, although expression on myeloma cells is variable.
Purity/Purification	Protein A Affinity Purified
Applicable Applications for CD52 recombinant antibody	FCM/FACS (Flow Cytometry)
Buffer Composition	PBS only with 0.02% Proclin 300.
Immunogen	Human lymphocytes.
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.
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-CD52 antibody Campath-1H Cynomolgus monkey lymphocytes were stained with an isotype control or the rabbit-chimeric version of Campath-1H 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.



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ADDITIONAL INFORMATION

Related Product Information for CD52 recombinant antibody

Recombinant monoclonal antibody to CD52. Manufactured using a Recombinant Platform with variable regions (i.e. specificity) from the therapeutic antibody Campath-1H. This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Product Categories/Family for CD52 recombinant antibody	Biosimilar; Biotherapeuticresearch
References	Riechmann L, Clark M, Waldmann H, Winter G. Reshaping human antibodies for therapy. Nature. 1988 Mar 24; 332(6162):323-7. PMID:3127726

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.

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Online datasheet: <https://stage.aaabiotech.com/human-recombinant-antibody/cd52/71930>