

CD23 recombinant antibody

Anti-CD23 [IDEC-152 (Lumiliximab, 6G5)], Human IgG1, kappa

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72532	Human	Human	Immunoprecipitation, Flow Cytometry, Functional Assay

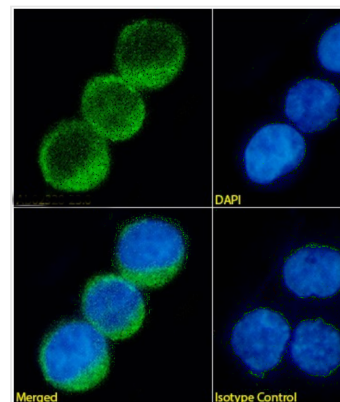
PRODUCT SYNONYMS

CD23; Monoclonal Recombinant Antibody; Anti-CD23 [IDEC-152 (Lumiliximab; 6G5)]; Human IgG1; kappa; Gomiliximab; FCER2; BLAST-2; FcepsilonRII; Fc-epsilon-RII; Low affinity immunoglobulin epsilon Fc receptor; C-type lectin domain family 4 member J; Immunoglobulin E-binding factor; Lymphocyte IgE receptor; CD23 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Human
Reactivity	Human
Clonality	Monoclonal
Isotype	Human IgG1 kappa
Clone Number	IDEC-152 (Lumiliximab, 6G5)
Specificity	This antibody is specific for human CD23.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for CD23 recombinant antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Chimeric Use Statement	This chimeric human antibody was made using the variable domain sequences of the original 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



IF (Immunofluorescence)

Immunofluorescence staining of Daudi cells with anti-CD23 antibody IDEC-152 (AAA72532). Immunofluorescence analysis of paraformaldehyde fixed Daudi cells on Shifix plus coverslips stained with the chimeric rabbit anti-CD23 antibody (AAA72532) (1:100 dilution) for 1 hour followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing membrane and cytoplasmic staining. Then nuclear stain is DAPI (blue). Panel shows, from left to right, top to bottom: anti-CD23 staining, DAPI staining, merged image, and isotype control.

ADDITIONAL INFORMATION

Related Product Information for CD23 recombinant antibody	The original chimeric antibody was generated from a monkey immunized with human CD23. Later on the chimeric version of the antibody was generated by cloning the variable regions of the antibody into human constant regions.
References	Rosenwasser et al. Allergic asthma and an anti-CD23 mAb (IDEC-152): results of a phase I, single-dose, dose-escalating clinical trial. J Allergy Clin Immunol. (2003); 112(3):563-70. N/A13679816 Note on publication: Describes the potential use of this antibody in the treatment of allergic asthma.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119862
NCBI GeneID	2208
UniProt Accession #	P06734
Molecular Weight	321
NCBI Official Full Name	Low affinity immunoglobulin epsilon Fc receptor
NCBI Official Synonym Full Names	Fc fragment of IgE, low affinity II, receptor for (CD23)
NCBI Official Symbol	FCER2
NCBI Official Synonym Symbols	CD23; FCE2; CD23A; IGEBF; CLEC4J; BLAST-2
NCBI Protein Information	low affinity immunoglobulin epsilon Fc receptor; CD23 antigen; fc-epsilon-RII; lymphocyte IgE receptor; immunoglobulin E-binding factor; C-type lectin domain family 4, member J
UniProt Protein Name	Low affinity immunoglobulin epsilon Fc receptor
UniProt Gene Name	FCER2
UniProt Synonym Gene Names	CD23A; CLEC4J; FCE2; IGEBF
UniProt Entry Name	FCER2_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.