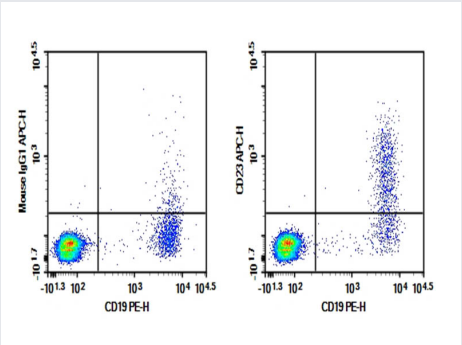
CD23 Antibody – Mouse

PRODUCT OVERVIEW

Product Name	CD23, Antibody
Full Product Name	Purified Anti-Human CD23 Antibody [EBVCS2]
Product Gene Name	anti-CD23 antibody
Product Synonym Names	alpha polypeptide; Blast 2; Blast2; C type lectin domain family 4 member J; CD 23; CD 23A; CD23 antigen; CLEC 4J; C-type lectin domain family 4; Fc epsilon receptor II; Fc fragment of IgE; Fc fragment of IgE low affinity II receptor for; Fc fragment of IgE receptor II; Fc of IgE; Fc receptor; Fc receptor IgE low affinity II alpha polypeptide; FCE 2; FCER 2; FCER2A; FceRII; IgE; IgE binding factor; IgE receptor lymphocyte; IGEBF; IgE-binding factor; Immunoglobulin E binding factor; Immunoglobulin E receptor; Immunoglobulin epsilon chain; isoform CRA_a; LEUKOCYTE ANTIGEN CD23; Low Affinity IgE Receptor; low affinity II; Low affinity immunoglobulin epsilon Fc receptor membrane bound form; Low affinity immunoglobulin epsilon Fc receptor soluble form; Ly42; Ly-42; Lymphocyte antigen CD23; member J; MGC93219; receptor for (CD23); FCE; FCER; BLAST; BLAST-2; CD23; C-type lectin domain family 4 member J; Fc epsilon RII; Fc-epsilon-RII; Immunoglobulin E-binding factor; Low affinity immunoglobulin epsilon Fc receptor; Lymphocyte IgE receptor; CD23A; CLEC4J; FCE2; IGEBF; FCER2; Fc&epsilon-RII-I; ILT9; ILT10; BLAST-2
Isotype	IgG1, kappa
Clone Number	EBVCS2
Host	Mouse
Species Reactivity	Human
Preparation and Storage	Store at 4 degree C valid for 12 months or -20 degree C valid for long term storage, avoid freeze/thaw cycles.
Molecular Weight	321
OMIM	151445
3D Structure	ModBase 3D Structure for P06734
Conjugation	Unconjugated
Product Categories/Family for anti-CD23 antibody	Antibodies and Reagents; Primary Antibodies; Flow Cytometry Antibodies; Immunology; Stem Cells; CDs; Hematopoietic Stem Cell Markers
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CD23 antibody	Flow Cytometry (FC/FACS)
Related Product Information for anti-CD23 antibody	MBS2585700 is an antibody targeting CD23. Also known as Purified Anti-Human CD23 Antibody [EBVCS2]. Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-CD23 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Flow Cytometry (FC/FACS) of anti-CD23 antibody
Verified Samples in FCM: Human peripheral blood lymphocytes

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD23. It may not necessarily be applicable to this product.

NCBI GI #	119862
NCBI GeneID	2208
NCBI Accession #	P06734.1
UniProt Primary Accession #	P06734
UniProt Related Accession #	P06734
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
UniProt Protein Name	Low affinity immunoglobulin epsilon Fc receptor
UniProt Synonym Protein Names	BLAST-2; C-type lectin domain family 4 member J; Fc-epsilon-RII; Immunoglobulin E-binding factor; Lymphocyte IgE receptor; CD_antigen: CD23Cleaved into the following 2 chains:Low affinity immunoglobulin epsilon Fc receptor membrane-bound form; Low affinity immunoglobulin epsilon Fc receptor soluble form
Protein Family	Low affinity immunoglobulin epsilon Fc receptor
UniProt Gene Name	FCER2
UniProt Synonym Gene Names	CD23A; CLEC4J; FCE2; IGEBF
UniProt Entry Name	FCER2_HUMAN
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
NCBI Summary for CD23	The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011]
UniProt Comments for CD23	Low-affinity receptor for immunoglobulin E (IgE) and CR2/CD21. Has essential roles in the regulation of IgE production and in the differentiation of B-cells (it is a B-cell-specific antigen).
Research Articles on CD23	**1.** Crystal structure of the CD23-Fc3-4 complex with different molecular-packing constraints.

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