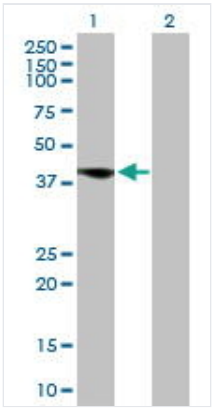
CD23 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CD23, Polyclonal Antibody
Full Product Name	CD23 (Low Affinity Immunoglobulin epsilon Fc Receptor, BLAST-2, C-type Lectin Domain Family 4 Member J, Fc-epsilon-RII, Immunoglobulin E-bindin
Product Gene Name	anti-CD23 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human FCER2.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri
Molecular Weight	36,469 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (7753643..7767032, complement). Location: 19p13.3
OMIM	151445
3D Structure	ModBase 3D Structure for P06734
Immunogen	Full length human FCER2, aa1-321 (NP_001993.2).
Immunogen Sequence	MEEGQYSEIEELPRRRCCRRGTQIVLLGLVTAALWAGLLTLLLLWHWDTTQSLKQLEERAARNVSQVSKNLESHHGDQMAQKSQSTQISQELEELRAEQ
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-CD23 antibody	Antibodies; CD Markers
Applications Tested/Suitable for anti-CD23 antibody	Western Blot (WB)
Application Notes for anti-CD23 antibody	Applications are based on unconjugated antibody.

Related Product Information for anti-CD23 antibody	CD23, a 45kD Type II transmembrane glycoprotein, is a member of C-type Lectin family. It is a human leukocyte differentiation antigen expressed in nu functions as a low-affinity receptor for human IgE (FcER2). Role of CD23 include B-cell activation, differentiation, IgE synthesis, cell adhesion, regulatin
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 necessa
Searchable Terms for CD23 purchase	MBS6372949 is an antibody targeting CD23. Also known as CD23 (Low Affinity Immunoglobulin epsilon Fc Receptor, BLAST-2, C-type Lectin Domain



Western Blot (WB) of anti-CD23 antibody
Western Blot analysis of FCER2 expression in transfected 293T cell line by FCER2 polyclonal antibody. Lane 1: FCER2 transfected lysate (36.5kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

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

NCBI GI #	20149533
NCBI GeneID	2208
NCBI Accession #	NP_001993.2
UniProt Primary Accession #	P06734
UniProt Related Accession #	P06734; Q30219
GenBank Nucleotide #	NM_002002.3
NCBI Official Full Name	low affinity immunoglobulin epsilon Fc receptor isoform a
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
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; BLAST-2; CD23 antigen; fc-epsilon-RII; lymphocyte IgE receptor; immunoglobulin E-binding factor; C-type lectin domain family 4, member J
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).
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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