

Rabbit CD23 Polyclonal Antibody | anti-FCER2 antibody

Anti-CD23 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45691	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Immunohistochemistry, Western Blot

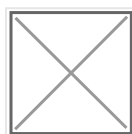
PRODUCT SYNONYMS

CD23; Polyclonal Antibody; Anti-CD23 Antibody; Low affinity immunoglobulin epsilon Fc receptor; Fc fragment of IgE; low affinity II; receptor for (CD23); Blast 2 antibody; BLAST-2 antibody; Blast2 antibody; C type lectin domain family 4 member J antibody; C-type lectin domain family 4 member J antibody; C-type lectin domain family 4; member J antibody; CD 23 antibody; CD 23A antibody; CD23 antibody; CD23 antigen antibody; CD23A antibody; CLEC 4J antibody; CLEC4J antibody; Fc epsilon RII antibody; Fc fragment of IgE low affinity II receptor for antibody; receptor for (CD23) antibody; Fc of IgE; Fc receptor IgE low affinity II alpha polypeptide antibody; Fc receptor; IgE; alpha polypeptide; isoform CRA_a antibody; Fc-epsilon-RII antibody; FCE 2 antibody; FCE2 antibody; FCER 2 antibody; Fcer2 antibody; FCER2_HUMAN antibody; FCER2A antibody; FceRII antibody; IgE binding factor antibody; IgE receptor lymphocyte antibody; IgE-binding factor antibody; IGEF antibody; Immunoglobulin E binding factor antibody; Immunoglobulin E receptor; low affinity II antibody; Immunoglobulin E-binding factor antibody; LEUKOCYTE ANTIGEN CD23 antibody; Low Affinity IgE Receptor antibody; Low affinity immunoglobulin epsilon Fc receptor antibody; Low affinity immunoglobulin epsilon Fc receptor membrane bound form antibody; Low affinity immunoglobulin epsilon Fc receptor soluble form antibody; Ly-42 antibody; Ly42 antibody; Lymphocyte antigen CD23 antibody; Lymphocyte IgE receptor antibody; MGC93219 antibody; anti-FCER2 antibody

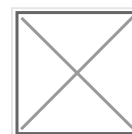
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	331
Applicable Applications for anti-FCER2 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived mouse CD23 recombinant protein (Position: E50-P331). Mouse CD23 shares 52% amino acid (aa) sequence identity with human CD23.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES


WB (Western Blot)

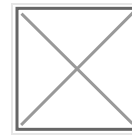
Anti-CD23 Picoband antibody, AAA45691-4.jpg
All lanes: Anti-CD23(AAA45691) at 0.5ug/ml
WB: Mouse Liver Tissue Lysate at 40ug
Predicted bind size: 37KD
Observed bind size: 37KD


IHC (Immunohistochemistry)

Anti-CD23 Picoband antibody, AAA45691-3.JPG
IHC(P): Rat Spleen Tissue

**IHC (Immunohistochemistry)**

Anti-CD23 Picoband antibody, AAA45691-2.JPGIHC(P): Mouse Spleen Tissue

**IHC (Immunohistochemistry)**

Anti-CD23 Picoband antibody, AAA45691-1.JPGIHC(P): Human Tonsil Tissue

ADDITIONAL INFORMATION**Related Product Information for anti-FCER2 antibody**

Description: Rabbit IgG polyclonal antibody for Low affinity immunoglobulin epsilon Fc receptor(FCER2) detection. Tested with WB, IHC-P in Human, Mouse, Rat.

Background: CD23, also known as Fc epsilon RII, or FcepsilonRII, is the "low-affinity" receptor for IgE, an antibody isotype involved in allergy and resistance to parasites, and is important in regulation of IgE levels. There are two forms of CD23: CD23a and CD23b. CD23a is present on follicular B cells, whereas CD23b requires IL-4 to be expressed on T-cells, monocytes, Langerhans cells, eosinophils, and macrophages. As part of a mapping of multiple probes to specific bands on chromosome 19 by fluorescence in situ hybridization, the FCE2 gene was assigned to 19p13.3. CD23 (FCE2) is a key molecule for B-cell activation and growth. It is the low-affinity receptor for IgE. The truncated molecule can be secreted, then functioning as a potent mitogenic growth factor.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119863
NCBI GeneID	14128
UniProt Accession #	P20693; Q61556; Q61557
NCBI Official Full Name	Low affinity immunoglobulin epsilon Fc receptor
NCBI Official Synonym Full Names	Fc receptor, IgE, low affinity II, alpha polypeptide
NCBI Official Symbol	Fcer2a
NCBI Official Synonym Symbols	CD23; Fce2; Fcer2; Ly-42
NCBI Protein Information	low affinity immunoglobulin epsilon Fc receptor; FC epsilon RII; fc-epsilon-RII; lymphocyte IgE receptor; low-affinity IgE receptor
UniProt Protein Name	Low affinity immunoglobulin epsilon Fc receptor
UniProt Gene Name	Fcer2
UniProt Synonym Gene Names	Fcer2a
UniProt Entry Name	FCER2_MOUSE

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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