

Rabbit FCER2 Polyclonal Antibody | anti-FCER2 antibody

FCER2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326415	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

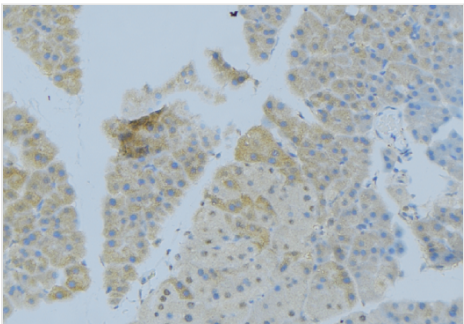
PRODUCT SYNONYMS

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

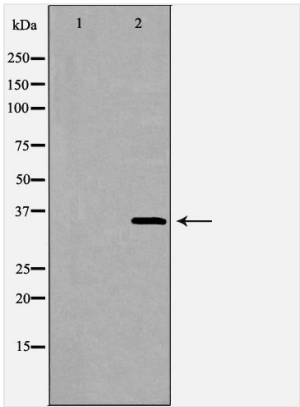
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	FCER2 antibody detects endogenous levels of total FCER2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	320
Applicable Applications for anti-FCER2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FCER2
Subcellular Location	Cell Membrane. Secreted. Also exists as a soluble excreted form.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326415 at 1/100 staining Human pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of 293T, using FCER2 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-FCER2 antibody	Description: 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] Function: 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). Subunit Structure: Homotrimer. Post-translational Modifications: N- and O-glycosylated. The secreted form sCD23 is produced by ADAM10-mediated ectodomain shedding.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	334085205
NCBI GeneID	2208
NCBI Accession #	NP_001193948.2
NCBI GenBank Nucleotide #	NM_001207019.2
UniProt Accession #	P06734
Molecular Weight	Observed: 36 kDa Predicted: 37 kDa
NCBI Official Full Name	low affinity immunoglobulin epsilon Fc receptor isoform b
NCBI Official Synonym Full Names	Fc fragment of IgE receptor II
NCBI Official Symbol	FCER2
NCBI Official Synonym Symbols	CD23; FCE2; CD23A; IGEBF; CLEC4J; BLAST-2
NCBI Protein Information	low affinity immunoglobulin epsilon Fc receptor
UniProt Protein Name	Low affinity immunoglobulin epsilon Fc receptor
UniProt Gene Name	FCER2
UniProt Synonym Gene Names	CD23A; CLEC4J; FCE2; IGEBF

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.

