

Anti-CD23 FCER2 Monoclonal Antibody

Catalog # ABO14579

Product Information

Application	WB, IHC, FC
Primary Accession	P06734
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-CD23 FCER2 Monoclonal Antibody . Tested in WB, IHC, Flow Cytometry applications. This antibody reacts with Human.

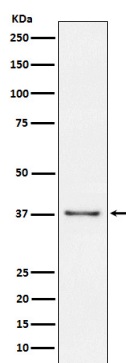
Additional Information

Gene ID	2208
Other Names	Low affinity immunoglobulin epsilon Fc receptor, BLAST-2, C-type lectin domain family 4 member J, Fc-epsilon-RII, Immunoglobulin E-binding factor, Lymphocyte IgE receptor, CD23, Low affinity immunoglobulin epsilon Fc receptor membrane-bound form, Low affinity immunoglobulin epsilon Fc receptor soluble form, FCER2, CD23A, CLEC4J, FCE2, IGEBF
Calculated MW	36469
Application Details	WB 1:500-1:1000 IHC 1:50-1:200 FC 1:30
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: ADIC-6
Immunogen	A synthesized peptide derived from human CD23 This receptor has essential roles in the regulation of IgE production and in the differentiation of B-cells (it is a B-cell-specific antigen).
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	FCER2
Synonyms	CD23A, CLEC4J, FCE2, IGEBF
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. On B cells, initiates IgE-dependent antigen uptake and presentation to T cells (PubMed: 2167225). On macrophages, upon IgE binding and antigen cross-linking induces intracellular killing of parasites through activation of L-Arginine- nitric oxide pathway (PubMed: 7544003).
Cellular Location	Cell membrane; Single-pass type II membrane protein. Cell membrane; Lipid-anchor. Secreted. Note=Also exists as a soluble excreted form, sCD23
Tissue Location	Detected in urine (at protein level).

Images



Western blot analysis of CD23 expression in Raji cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.