

# FCER2 Antibody - C-terminal region

Rabbit Polyclonal Antibody Catalog # AI15200

#### **Product Information**

Application WB Primary Accession P06734

Other Accession NM 002002, NP 001993

Reactivity Human
Predicted Human
Host Rabbit
Clonality Polyclonal
Calculated MW 36469

### **Additional Information**

Gene ID 2208

Alias Symbol CD23, CD23A, CLEC4J, FCE2, IGEBF

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

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

**Reconstitution & Storage** Add 50 ul of distilled water. Final anti-FCER2 antibody concentration is 1

mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at

20°C. Avoid repeat freeze-thaw cycles.

**Precautions** FCER2 Antibody - C-terminal region is for research use only and not for use in

diagnostic or therapeutic procedures.

#### **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:<u>2167225</u>). 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).

## References

Ikuta K.,et al.Proc. Natl. Acad. Sci. U.S.A. 84:819-823(1987). Kikutani H.,et al.Cell 47:657-665(1986). Luedin C.,et al.EMBO J. 6:109-114(1987). Grimwood J.,et al.Nature 428:529-535(2004). Yokota A.,et al.Cell 55:611-618(1988).

# **Images**



Host: Rabbit Target Name: FCER2 Sample Tissue: Fetal Kidney lysates

Antibody Dilution: 1.0µg/ml

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