

**FCER2 Antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI15200****Specification**

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**FCER2 Antibody - C-terminal region - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P06734</a>
Other Accession	<a href="#">NM_002002</a> , <a href="#">NP_001993</a>
Reactivity	<b>Human</b>
Predicted	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>35kDa KDa</b>

**FCER2 Antibody - C-terminal region - 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-R1I, 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.

**FCER2 Antibody - C-terminal region - 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:<a href="http://www.uniprot.org/citations/2167225" target="\_blank">2167225</a>). On

macrophages, upon IgE binding and antigen cross-linking induces intracellular killing of parasites through activation of L-Arginine- nitric oxide pathway (PubMed:<a href="http://www.uniprot.org/citations/7544003" target="\_blank">7544003</a>).

#### 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

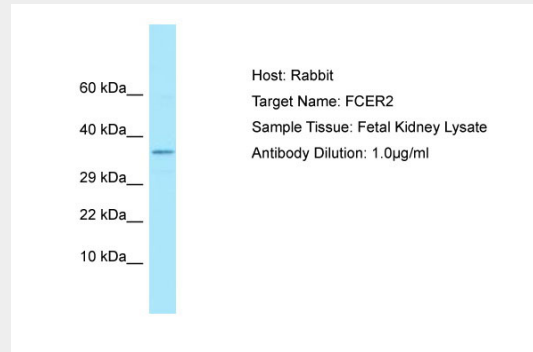
Detected in urine (at protein level).

### FCER2 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### FCER2 Antibody - C-terminal region - Images



Host: Rabbit  
Target Name: FCER2  
Sample Tissue: Fetal Kidney lysates  
Antibody Dilution: 1.0µg/ml

### FCER2 Antibody - C-terminal region - 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).