

CD23 Antibody
Rabbit mAb
Catalog # AP91614**Specification**

CD23 Antibody - Product Information

Application	WB, IHC, FC
Primary Accession	P06734
Clonality	Monoclonal
Other Names	
CD23; FCE2; CD23A; IGEBF; CLEC4J; FCER2;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	36469 Da

CD23 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CD23
Description	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).
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

CD23 Antibody - 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

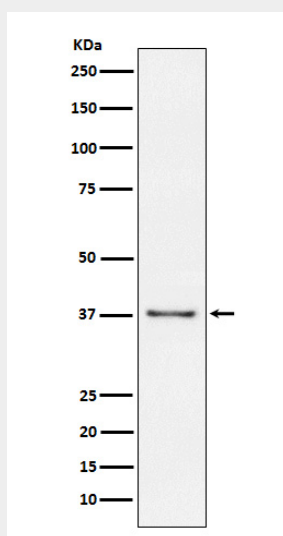
Tissue Location

Detected in urine (at protein level).

CD23 Antibody - 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](#)

CD23 Antibody - Images

Western blot analysis of CD23 expression in Raji cell lysate.