

CD23 Monoclonal Antibody(10H2)
Catalog # AP63336**Specification**

CD23 Monoclonal Antibody(10H2) - Product Information

Application	WB
Primary Accession	P06734
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal

CD23 Monoclonal Antibody(10H2) - Additional Information**Gene ID** 2208**Other Names**

FCER2; CD23A; CLEC4J; FCE2; IGEBF; 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

Dilution

WB~~WB: 1:1000

Format

PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

Storage Conditions

-20°C

CD23 Monoclonal Antibody(10H2) - 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

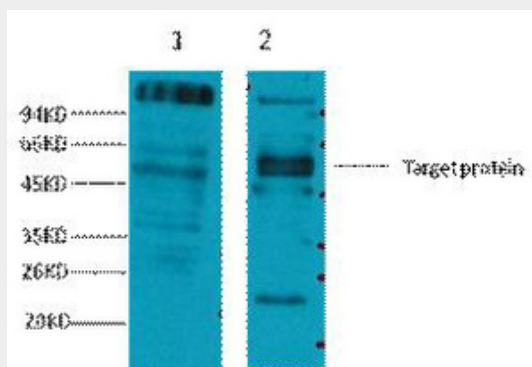
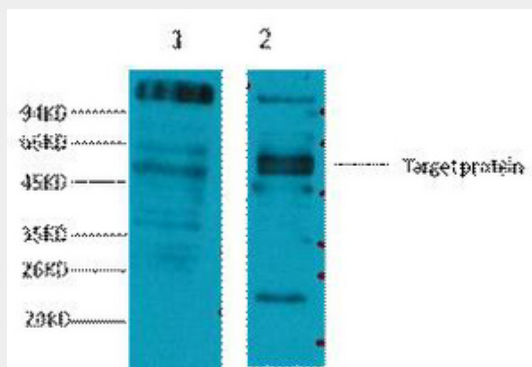
Tissue Location

Detected in urine (at protein level).

CD23 Monoclonal Antibody(10H2) - 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 Monoclonal Antibody(10H2) - Images**CD23 Monoclonal Antibody(10H2) - Background**

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).