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CD23

Mouse Monoclonal antibody(Mab)
Catalog # AD80351

Product Information

Application IHC-P
Primary Accession P06734
Reactivity Human
Host Mouse
Clonality Monoclonal
Clone Names 365A2D1
Calculated MW 36469

Additional Information

Gene ID 2208 Gene Name FCER2

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

Dilution IHC-P~~Ready-to-use

Storage Maintain refrigerated at 2-8°C.

Precautions CD23 Antibody 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).

Images



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