10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CD23-AcalephFluor647-labled

Catalog # AP100592

Product Information

Application	FC, IF/IC
Primary Accession	P06734
Reactivity	Human
Clonality	Monoclonal
Calculated MW	36469

Additional Information

Gene ID	2208
Other Names	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; CD antigen CD23)
Target/Specificity	Recognizes human CD23
Dilution	FC~~1:10~50 IF/IC~~N/A
Format	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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).

Background

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