

ARG11034 anti-CD23 antibody [BU38]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [BU38] recognizes CD23
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Clone	BU38
Isotype	IgG1
Target Name	CD23
Species	Human
Immunogen	Full length native Human CD23 protein.
Conjugation	Un-conjugated
Alternate Names	CD23A; BLAST-2; Lymphocyte IgE receptor; CLEC4J; Immunoglobulin E-binding factor; CD23; IGEBF; Fc-epsilon-RII; CD antigen CD23; FCE2; Low affinity immunoglobulin epsilon Fc receptor; C-type lectin domain family 4 member J

Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	ICC/IF	Assay-dependent
	IHC-P	Assay-dependent
	IP	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Follicular lymphoma or tonsil (mantle cell lymphomas are negative)	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS and 0.02% Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FCER2
Gene Full Name	Fc fragment of IgE, low affinity II, receptor for (CD23)
Background	The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011]
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 (it is a B-cell-specific antigen). [UniProt]
Highlight	Related products: CD23 antibodies ; CD23 ELISA Kits ; Anti-Mouse IgG secondary antibodies ; Related news: Lymphoma
Calculated Mw	36 kDa
PTM	N- and O-glycosylated. The secreted form sCD23 is produced by ADAM10-mediated ectodomain shedding. [UniProt]