ARG66348
anti-CD23 antibody [SQab1898]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab1898] recognizes CD23
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab1898
Isotype	IgG
Target Name	CD23
Species	Human
Immunogen	Synthetic peptide within aa. 221-321 of Human CD23.
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
	IHC-P	1:100 - 1:200

Application Note	IHC-P: Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0), primary antibody incubate at RT for 30 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

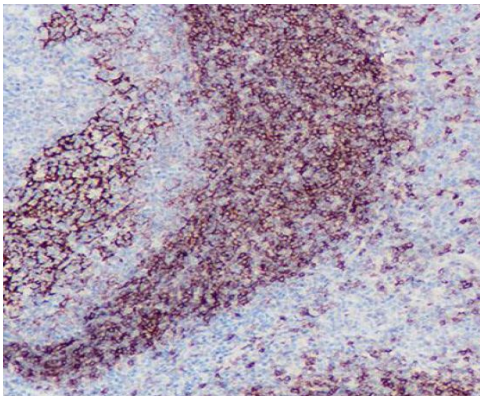|	
Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. 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-Rabbit IgG secondary antibodies; Related news: Cancer Pathology Markers (SQ clones)
Calculated Mw	36 kDa
PTM	N- and O-glycosylated. The secreted form sCD23 is produced by ADAM10-mediated ectodomain shedding. [UniProt]

Images

ARG66348 anti-CD23 antibody [SQab1898] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded tonsil tissue stained with ARG66348 anti-CD23 antibody [SQab1898]. Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0).