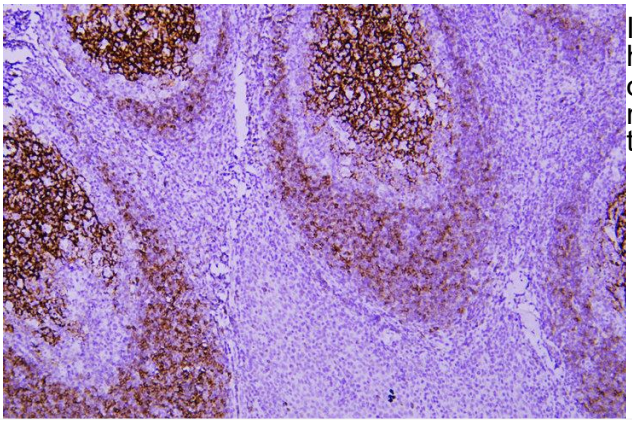
CD23 (ABT128R) Rabbit mAb (Ready to Use)

Catalog No	YP-rAb-18149
Isotype	IgG
Reactivity	Human
Applications	IHC
Gene Name	FCER2
Protein Name	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) [Cleaved into: Low affinity immunoglobulin epsilon Fc receptor membrane-bound form; Low affinity immunoglobulin epsilon Fc receptor soluble form]
Purification Process	Protein A
Specificity	This antibody detects endogenous levels of CD23
Formulation	The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300
Source	Monoclonal, Rabbit,IgG
Dilution	Ready to use for IHC Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	2° C to 8° C/1 year,Ship by ice bag
Synonyms	Blast 2 ; BLAST-2 ; Blast2 ; C type lectin domain family 4 member J ; C-type lectin domain family 4 ; C-type lectin domain family 4 member J ; C-type lectin domain family 4, member J ; CD 23 ; CD 23A ; CD23 ; CD23 antigen ; CD23A ; CLEC 4J ; CLEC4J ; Fc epsilon receptor II ; Fc epsilon RII ; Fc fragment of IgE ; Fc fragment of IgE low affinity II receptor for ; Fc fragment of IgE receptor II ; Fc fragment of IgE, low affinity II, receptor for ; CD23 ; Fc of IgE ; Fc of IgE, low affinity II, receptor for ; CD23 ; Fc receptor IgE low affinity II alpha polypeptide ; Fc receptor, IgE, low affinity II, alpha polypeptide, isoform CRA_a ; Fc-epsilon-RII ; FCE 2 ; FCE2 ; FCER 2 ; Fcer2 ; FCER2_HUMAN ; FCER2A ; FceRII ; IgE binding factor ; IgE receptor lymphocyte ; IgE-binding factor ; IGEBF ; Immunoglobulin E binding factor ; Immunoglobulin E receptor ; Immunoglobulin E receptor, low affinity II ; Immunoglobulin E-binding factor ; Immunoglobulin epsilon chain ; LEUKOCYTE ANTIGEN CD23 ; Low Affinity IgE Receptor ; Low affinity immunoglobulin epsilon Fc receptor ; Low affinity immunoglobulin epsilon Fc receptor membrane bound form ; Low affinity immunoglobulin epsilon Fc receptor soluble form ; Ly-42 ; Ly42

; Lymphocyte antigen CD23 ; Lymphocyte IgE receptor ; MGC93219

Observed Band	
Calculated Molecular Weight	
Cell Pathway	Membranous
Tissue Specificity	B-cell,Blood,
Function	This receptor has essential roles in the regulation of IgE production and in the differentiation of B-cells (it is a B-cell-specific antigen).,miscellaneous:There are two kinds of Fc receptors for IgE, which differ in both structure and high affinity receptors on basophils and mast cells and low affinity receptors on lymphocytes and monocytes.,online information:CD23,PTM:N- and O-glycosylated.,similarity:Contains 1 C-type lectin domain.,subcellular location:Also exists as a soluble excreted form.,
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Immunohistochemical analysis of paraffin-embedded human Tonsil. 1, Antibody was incubated at 4° overnight. 2, Citrate buffer of pH6.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).