

For Research Use Only

CD23 Recombinant antibody

Catalog Number: 84024-2-RR



Basic Information

Catalog Number: 84024-2-RR	GenBank Accession Number: BC064417	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 2208	CloneNo.: 241269B10
Source: Rabbit	UNIPROT ID: P06734	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000
Isotype: IgG	Full Name: Fc fragment of IgE, low affinity II, receptor for (CD23)	
	Calculated MW: 321 aa, 36 kDa	
	Observed MW: 36 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Raji cells, Ramos cells, Daudi cells, U-937 cells, NIH/3T3 cells, RAW 264.7 cells, mouse spleen tissue

IHC : human tonsillitis tissue,

Background Information

CD23, also known as low-affinity immunoglobulin epsilon Fc receptor, is a transmembrane glycoprotein present on a subpopulation of B lymphocytes in germinal centers, EBV-transformed B-lymphoblastoid cell lines, follicular dendritic cells, and a subpopulation of peripheral blood cells. CD23 has essential roles in the regulation of IgE production and in the differentiation of B-cells

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

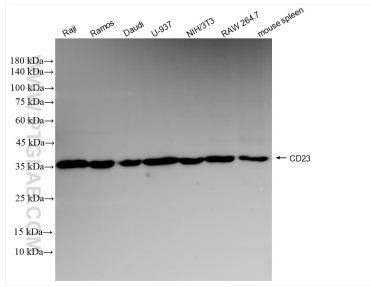
T: 4006900926

E: Proteintech-CN@ptglab.com

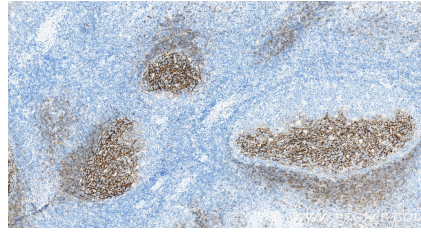
W: ptgcn.com

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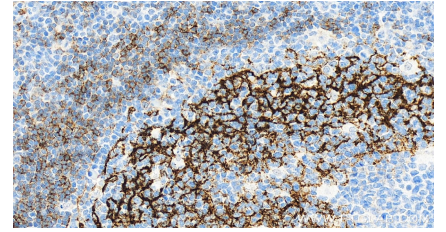
Selected Validation Data



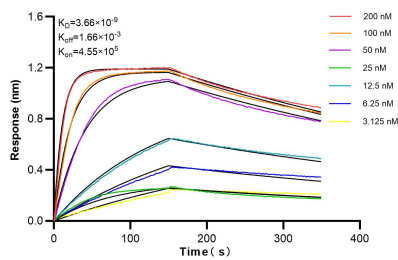
Various lysates were subjected to SDS PAGE followed by western blot with 84024-2-RR (CD23, FCER2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84024-2-RR (CD23 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84024-2-RR (CD23 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 83996-4-RR against Human CD23 were performed. The affinity constant is 3.66 nM.