

CD23 Polyclonal antibody

Catalog Number: 10300-1-AP

Basic Information

Catalog Number: 10300-1-AP	GenBank Accession Number: BC064417	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2208	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: Fc fragment of IgE, low affinity II, receptor for (CD23)	
Isotype: IgG	Calculated MW: 321 aa, 36 kDa	
Immunogen Catalog Number: AG0425		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human tonsillitis tissue, human lymphoma tissue
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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 centres, 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

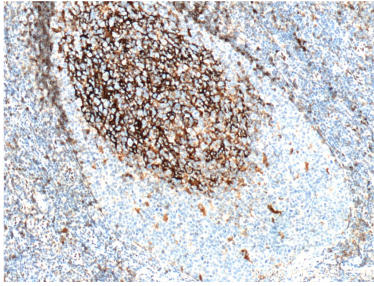
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

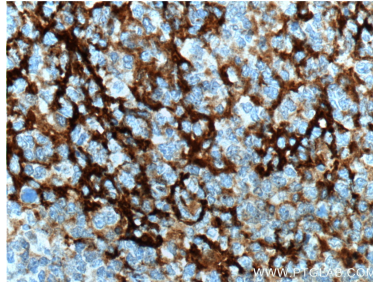
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10300-1-AP (CD23 antibody at dilution of 1:200) (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10300-1-AP (CD23 antibody at dilution of 1:200) (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).