

For Research Use Only

# CD23 Polyclonal antibody

Catalog Number: 18642-1-AP

1 Publications



## Basic Information

Catalog Number:

18642-1-AP

Concentration:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13348

GenBank Accession Number:

BC014108

GeneID (NCBI):

2208

UNIPROT ID:

P06734

Full Name:

Fc fragment of IgE, low affinity II, receptor for (CD23)

Calculated MW:

36 kDa

Observed MW:

38-42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

IHC: 1:800-1:3200

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

IHC

Species Specificity:

human

Cited Species:

human

**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,

IHC: human tonsillitis tissue, human lymphoma 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 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yun Ding	40108601	World J Surg Oncol	IHC

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

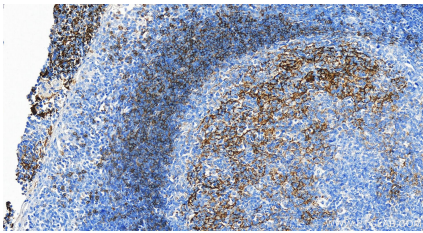
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

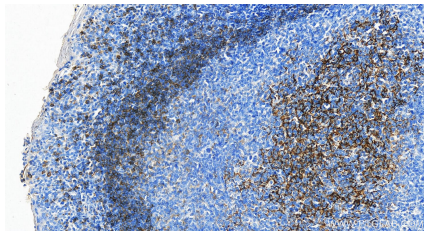
W: [ptgcn.com](http://ptgcn.com)

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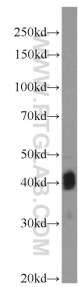
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 18642-1-AP (CD23 antibody) at dilution of 1:1600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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Raji cells were subjected to SDS PAGE followed by western blot with 18642-1-AP (FCER2,CD23 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.