

For Research Use Only

# CD23 Monoclonal antibody, PBS Only (Capture)



Catalog Number: 60208-2-PBS

## Basic Information

Catalog Number:

60208-2-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG0425

GenBank Accession Number:

BC064417

GeneID (NCBI):

2208

UNIPROT ID:

P06734

Full Name:

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

Calculated MW:

321 aa, 36 kDa

Observed MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

4C7C9

## Applications

Tested Applications:

WB, IF, IHC, Indirect ELISA, Cytometric bead array

Species Specificity:

human, mouse

## 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 -80°C.

Storage Buffer:

PBS Only

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

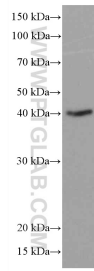
T: 4006900926

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

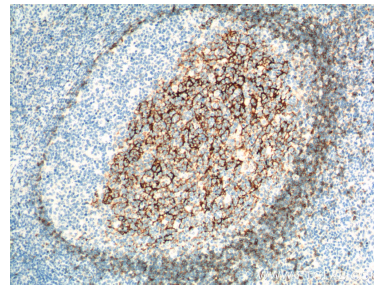
W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

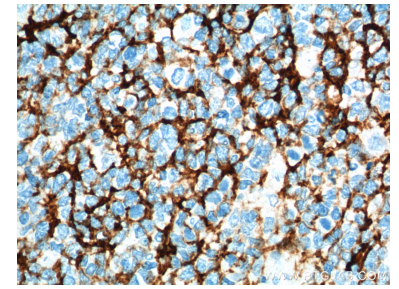
## Selected Validation Data



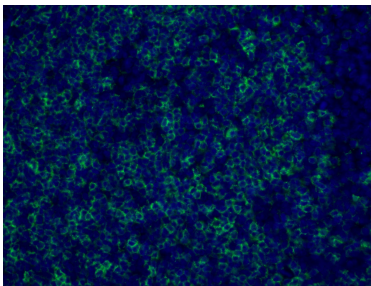
Raji cells were subjected to SDS PAGE followed by western blot with 60208-2-Ig (CD23 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60208-2-PBS in a different storage buffer formulation.



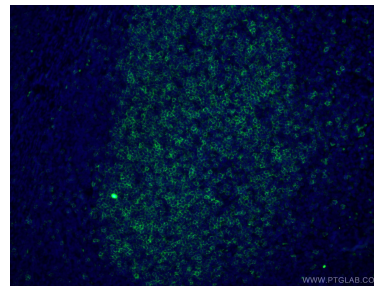
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60208-2-Ig (CD23 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60208-2-PBS in a different storage buffer formulation.



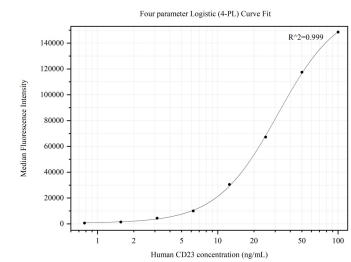
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60208-2-Ig (CD23 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60208-2-PBS in a different storage buffer formulation.



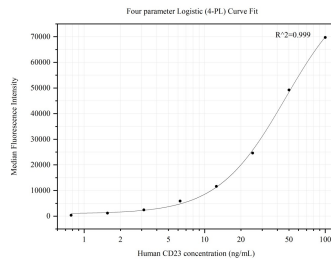
Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 60208-2-Ig (CD23 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60208-2-PBS in a different storage buffer formulation.



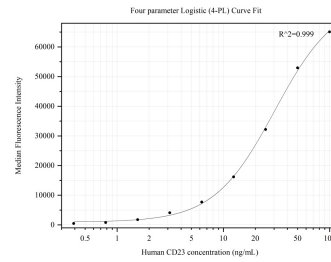
Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 60208-2-Ig (CD23 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60208-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP50220-1, CD23, FCER2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60208-2-PBS. Detection antibody: 60208-3-PBS. Standard: Ag0425. Range: 0.781-100 ng/mL.



Cytometric bead array standard curve of MP50220-2, CD23, FCER2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60208-2-PBS. Detection antibody: 60208-4-PBS. Standard: Ag0425. Range: 0.781-100 ng/mL.



Cytometric bead array standard curve of MP50220-3, CD23, FCER2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60208-2-PBS. Detection antibody: 60208-1-PBS. Standard: Ag0425. Range: 0.391-100 ng/mL.