

For Research Use Only

# CD7 Monoclonal antibody, PBS Only

Catalog Number: 60209-2-PBS



## Basic Information

Catalog Number:

60209-2-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG1805

GenBank Accession Number:

BC009293

GeneID (NCBI):

924

ENSEMBL Gene ID:

ENSG00000173762

UNIPROT ID:

P09564

Full Name:

CD7 molecule

Calculated MW:

240 aa, 25 kDa

Observed MW:

34-36 kDa

Purification Method:

Protein G purification

CloneNo.:

2A4E6

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

CD7 is a type I transmembrane glycoprotein expressed on thymocytes and mature T cells. It is the most reliable clinical marker of T-cell acute lymphocytic leukemia.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

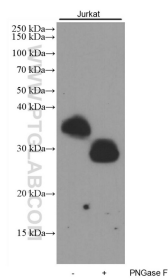
T: 4006900926

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

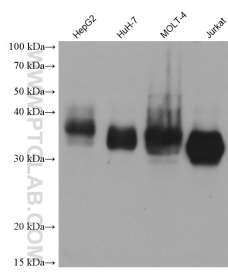
W: [ptgcn.com](http://ptgcn.com)

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

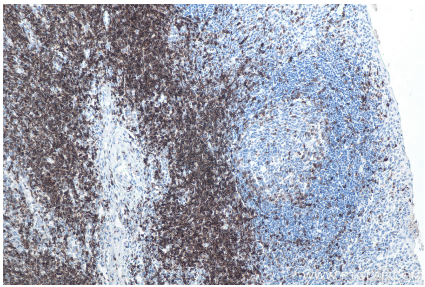
Selected Validation Data



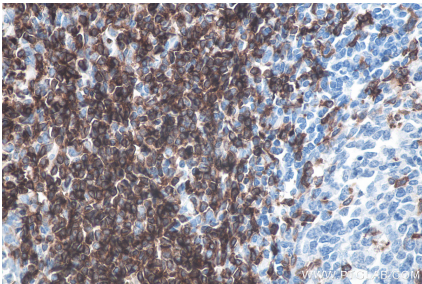
Untreated and PNGase F-treated lysates of Jurkat cells were subjected to SDS PAGE followed by western blot with 60209-2-Ig (CD7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808). This data was developed using the same antibody clone with 60209-2-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 60209-2-Ig (CD7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60209-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60209-2-Ig (CD7 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60209-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60209-2-Ig (CD7 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60209-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60209-2-Ig (CD7 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60209-2-PBS in a different storage buffer formulation.