

For Research Use Only

# CD7 Monoclonal ANTIBODY

Catalog Number: 60209-2-Ig



## Basic Information

<b>Catalog Number:</b> 60209-2-Ig	<b>GenBank Accession Number:</b> BC009293	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IHC 1:100-1:400
<b>Size:</b> mg/ml	<b>GeneID (NCBI):</b> 924	
<b>Source:</b> Mouse	<b>Full Name:</b> CD7 molecule	
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 240aa, 25 kDa	
<b>Purification Method:</b> Protein A purification	<b>Observed MW:</b> 34 kDa	
<b>Immunogen Catalog Number:</b> AG1805		

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells;
<b>Species Specificity:</b> human, mouse	<b>IHC :</b> human tonsillitis tissue; human lymphoma tissue

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
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## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this

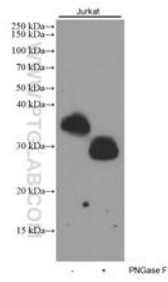
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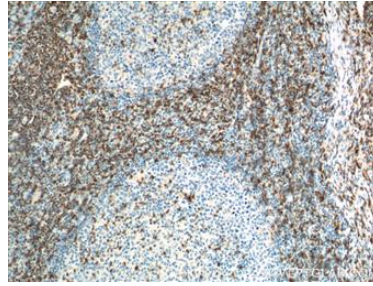
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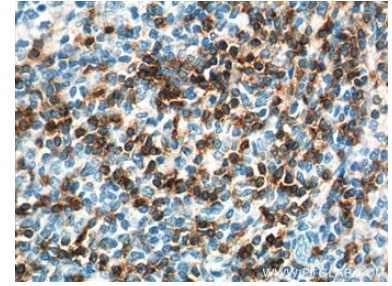
## Selected Validation Data



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).



Immunohistochemistry of paraffin-embedded human tonsillitis tissue slide using 60209-2-Ig (CD7 Antibody) at dilution of 1:200 (under 10x lens). heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Immunohistochemistry of paraffin-embedded human tonsillitis tissue slide using 60209-2-Ig (CD7 Antibody) at dilution of 1:200 (under 40x lens). heat mediated antigen retrieved with Tris-EDTA buffer(pH9).