

For Research Use Only

CD7 Monoclonal antibody

Catalog Number: 60209-2-Ig



Basic Information

Catalog Number: 60209-2-Ig	GenBank Accession Number: BC009293	Purification Method: Protein A purification
Size: 150ul , Concentration: 1700 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 924	CloneNo.: 2A4E6
Source: Mouse	Full Name: CD7 molecule	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:1000-1:4000
Isotype: IgG1	Calculated MW: 240 aa, 25 kDa	
Immunogen Catalog Number: AG1805	Observed MW: 34 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse

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 : Jurkat cells,

IHC : human tonsillitis tissue, human lymphoma tissue, mouse thymus tissue, human appendicitis 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.

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

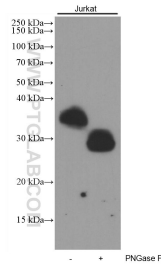
For technical support and original validation data for this product please contact:

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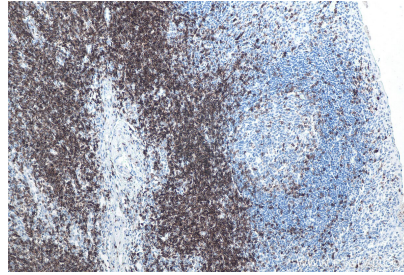
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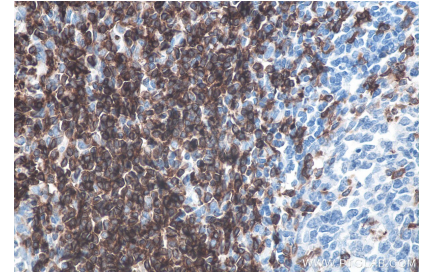
Selected Validation Data



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).



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).



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).