

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 G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 924	CloneNo.: 2A4E6
Source: Mouse	ENSEMBL Gene ID: ENSG00000173762	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:1000-1:4000
Isotype: IgG1	UNIPROT ID: P09564	
Immunogen Catalog Number: AG1805	Full Name: CD7 molecule	
	Calculated MW: 240 aa, 25 kDa	
	Observed MW: 34-36 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : Jurkat cells, HepG2 cells, HuH-7 cells, MOLT-4 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human tonsillitis tissue, human appendicitis tissue, human lymphoma tissue, mouse thymus 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

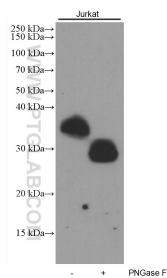
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20° C storage

*** 20ul sizes contain 0.1% BSA

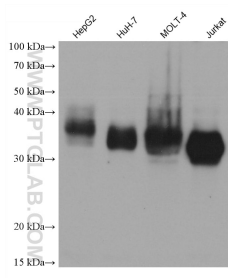
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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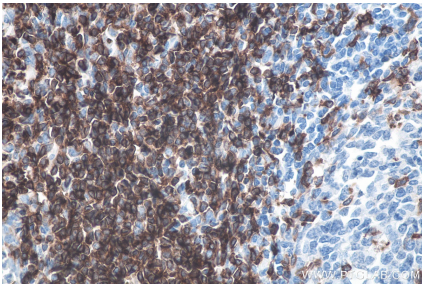
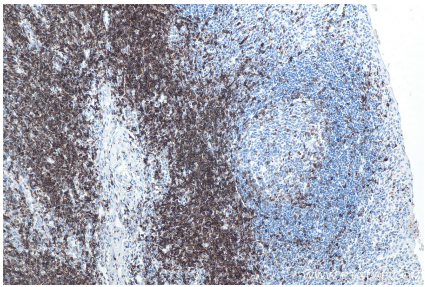
Selected Validation Data



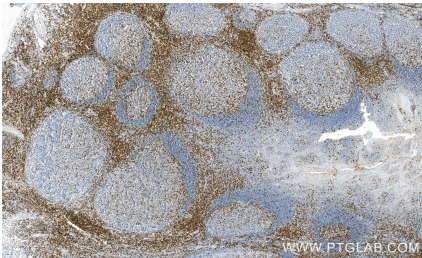
Untreated and PNGase F-treated lysates of Jurkat cells were subjected to SDS PAGE followed by western blot with 60209-2-Ig (CD7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



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.



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).



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).