

For Research Use Only

CD7 Monoclonal antibody

Catalog Number: 60209-1-Ig **2 Publications**



Basic Information

Catalog Number: 60209-1-Ig	GenBank Accession Number: BC009293	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 924	CloneNo.: 1G10D8
Source: Mouse	ENSEMBL Gene ID: ENSG00000173762	Recommended Dilutions: IHC 1:1600-1:6400 IF-P 1:200-1:800
Isotype: IgG1	UNIPROT ID: P09564	
Immunogen Catalog Number: AG1805	Full Name: CD7 molecule	
	Calculated MW: 240 aa, 25 kDa	

Applications

Tested Applications: IHC, IF-P, ELISA	Positive Controls:
Cited Applications: IF	IHC : human appendicitis tissue, human lymphoma tissue, human tonsillitis tissue
Species Specificity: human	IF-P : human tonsillitis tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

CD7 is a 40 kD 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
Margaret M Billingsley	38072809	Small	
Hai-Yan Zhou	37703873	Cell Metab	IF

Storage

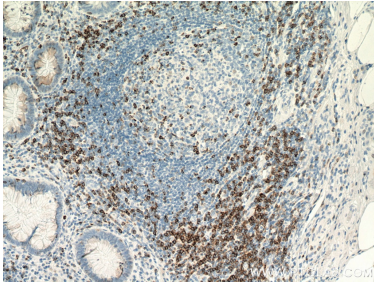
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

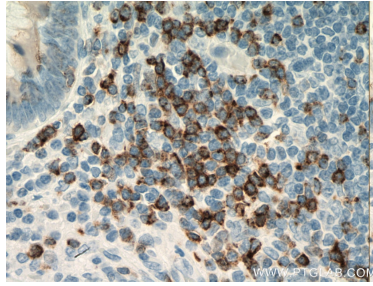
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

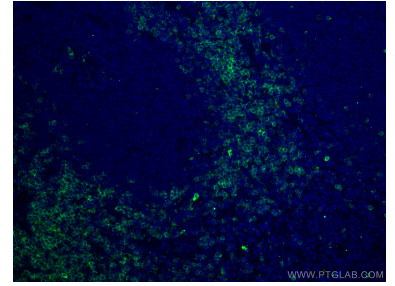
Selected Validation Data



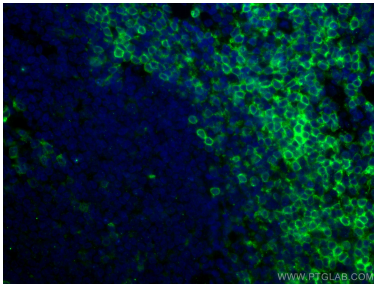
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 60209-1-Ig (CD7 antibody) at dilution of 1:3200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 60209-1-Ig (CD7 antibody) at dilution of 1:3200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 60209-1-Ig (CD7 antibody), at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 60209-1-Ig (CD7 antibody), at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).