

For Research Use Only

CD7 Monoclonal antibody

Catalog Number: 60209-1-Ig 2 Publications



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
60209-1-Ig	BC009293	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
150ul , Concentration: 1300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	924	1G10D8
Source:	Full Name:	Recommended Dilutions:
Mouse	CD7 molecule	IHC 1:1600-1:6400
Isotype:	Calculated MW:	IF 1:200-1:800
IgG1	240 aa, 25 kDa	
Immunogen Catalog Number:		
AG1805		

Applications

Tested Applications:	Positive Controls:
IF, IHC, ELISA	IHC : human appendicitis tissue, human tonsillitis tissue, mouse thymus tissue, human lymphoma tissue
Cited Applications:	IF : human tonsillitis tissue,
FC, IF	
Species Specificity:	
human, mouse	
Cited Species:	
mouse	
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,FC

Storage

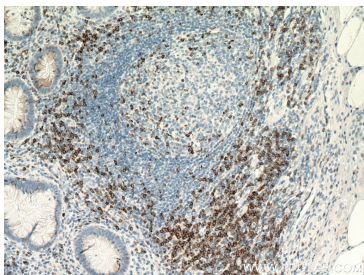
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

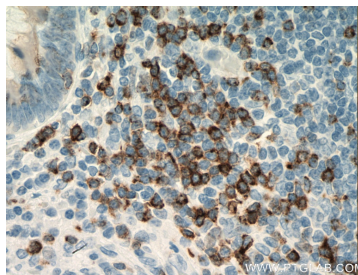
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

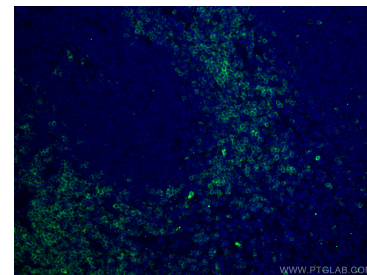
Selected Validation Data



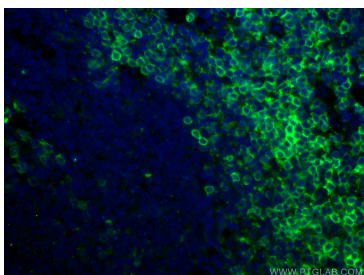
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 60209-1-Ig (CD7 antibody) at dilution of 1:3200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).