

For Research Use Only

PTPRCAP / CD45AP Polyclonal antibody



Catalog Number: 19715-1-AP

Basic Information

Catalog Number: 19715-1-AP	GenBank Accession Number: NM_005608	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5790	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF 1:200-1:800
Source: Rabbit	Full Name: protein tyrosine phosphatase, receptor type, C-associated protein	
Isotype: IgG	Calculated MW: 21 kDa	
	Observed MW: 28-30 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

human

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, human spleen tissue

IHC : human tonsillitis tissue, human lymphoma tissue

IF : Jurkat cells,

Background Information

PTPRCAP, also named as LPAP and CD45-AP, interacts with CD45/PTPRC.

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

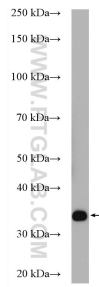
For technical support and original validation data for this product please contact:

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.

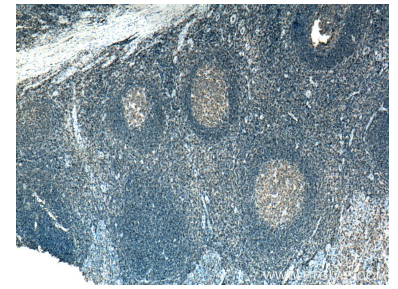
Selected Validation Data



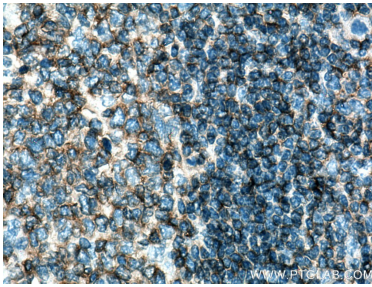
Jurkat cells were subjected to SDS PAGE followed by western blot with 19715-1-AP (PTPRCAP / CD45AP antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



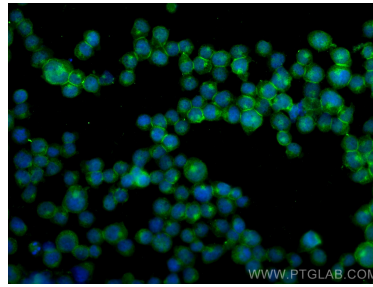
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 19715-1-AP (PTPRCAP / CD45AP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 19715-1-AP (PTPRCAP / CD45AP antibody) at dilution of 1:200 (under 4x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 19715-1-AP (PTPRCAP / CD45AP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using PTPRCAP / CD45AP antibody (19715-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).