

For Research Use Only

PTPRCAP / CD45AP Polyclonal antibody



Catalog Number: 19715-1-AP

Basic Information

Catalog Number:

19715-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_005608

GeneID (NCBI):

5790

UNIPROT ID:

Q14761

Full Name:

protein tyrosine phosphatase,
receptor type, C-associated protein

Calculated MW:

21 kDa

Observed MW:

28-30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, 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/ICC : 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

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

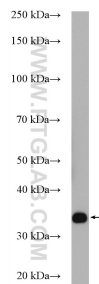
T: 4006900926

E: Proteintech-CN@ptglab.com

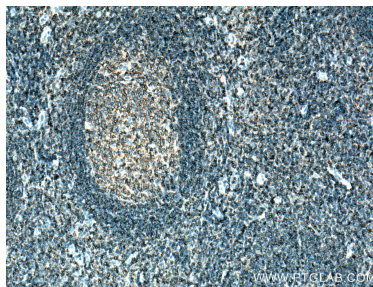
W: ptgcn.com

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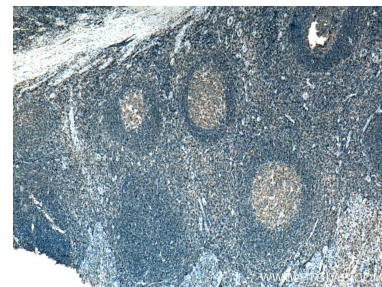
Selected Validation Data



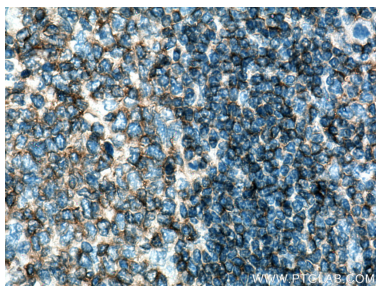
Jurkat cells were subjected to SDS PAGE followed by western blot with 19715-1-AP (PTPRCAP / CD45AP antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



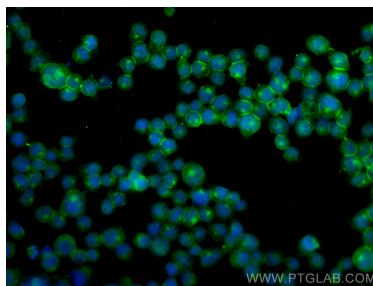
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 19715-1-AP (PTPRCAP / CD45AP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).