

For Research Use Only

c-Cbl Polyclonal antibody

Catalog Number: 25818-1-AP

Featured Product

21 Publications



Basic Information

Catalog Number:

25818-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23033

GenBank Accession Number:

BC132733

GeneID (NCBI):

867

UNIPROT ID:

P22681

Full Name:

Cas-Br-M (murine) ecotropic retroviral transforming sequence

Calculated MW:

906 aa, 100 kDa

Observed MW:

100-120 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:5000-1:50000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC: 1:50-1:500

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP

Species Specificity:

human, mouse

Cited Species:

human, mouse

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: K-562 cells, Raji cells, Ramos cells

IP: K-562 cells,

IHC: human tonsillitis tissue, human lymphoma tissue

Background Information

c-Cbl (Casitas B-lineage lymphoma) is a critical regulator that controls immature or follicular helper T cell development, B cell development, immune tolerance, angiogenesis, or tumorigenesis (PMID: 33962939). c-Cbl also plays a pivotal role in regulating dendritic cell (DC) function via negatively modulating IL-12 production after Toll-like receptor (TLR) stimulation (PMID: 21799517).

Notable Publications

Author	Pubmed ID	Journal	Application
Jennifer J Schwarz	34526379	Life Sci Alliance	WB
Yan Yang	36347273	Biochem Pharmacol	WB,IP
Huixia Zhang	29729186	Hepatology	WB,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

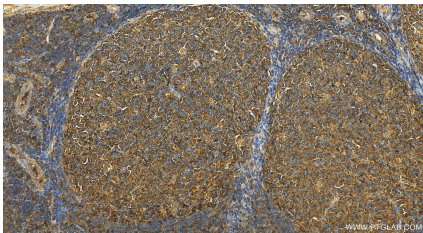
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

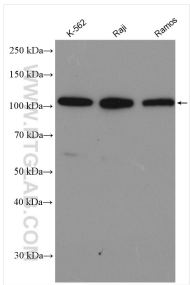
E: proteintech@ptglab.com
W: ptglab.com

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

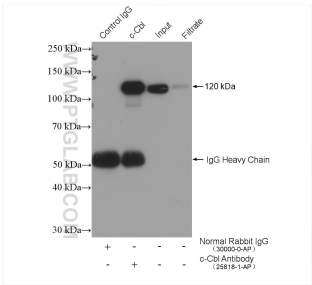
Selected Validation Data



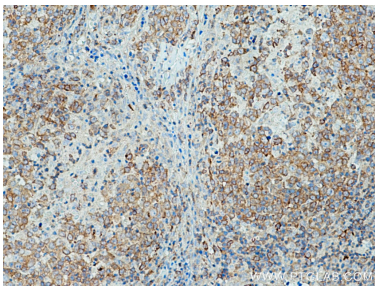
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 25818-1-AP (c-Cbl antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 25818-1-AP (c-Cbl antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



IP result of anti-c-Cbl (IP:25818-1-AP, 4ug; Detection:25818-1-AP 1:1000) with K-562 cells lysate 3680 ug.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 25818-1-AP (c-Cbl antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).