

For Research Use Only

c-Cbl Polyclonal antibody

Catalog Number: 25818-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number:

25818-1-AP

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23033

GenBank Accession Number:

BC132733

GeneID (NCBI):

867

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 µg for IP and 1:500-1:2000

for WB

IHC 1:500-1:2000

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

CoIP, IF, IP, WB

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, Jurkat cells, Ramos cells, Romas cells

IP: K-562 cells,

IHC: human lymphoma tissue, human tonsillitis 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

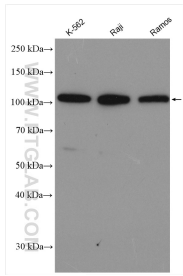
For technical support and original validation data for this product please contact:

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

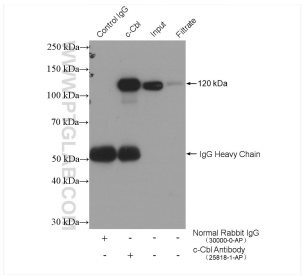
E: proteintech@ptglab.com
W: ptglab.com

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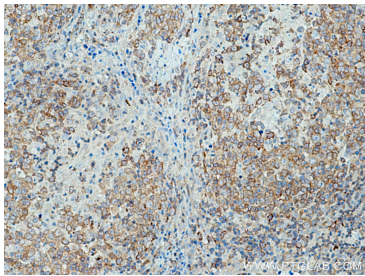
Selected Validation Data



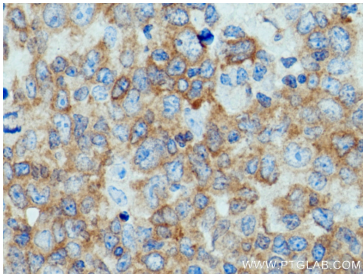
Various lysates were subjected to SDS PAGE followed by western blot with 25818-1-AP (c-Cbl antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



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).



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 25818-1-AP (c-Cbl antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).