

For Research Use Only

c-Cbl Monoclonal antibody

Catalog Number: 66576-1-Ig

Featured Product

2 Publications



Basic Information

Catalog Number:

66576-1-Ig

Size:

150ul, Concentration: 1500 ug/ml by 867

Nanodrop;

Source:

Mouse

Isotype:

IgG1

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:

Protein A purification

CloneNo.:

2F6D1

Recommended Dilutions:

WB: 1:5000-1:50000

IHC: 1:300-1:1200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

Human

Cited Species:

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: HL-60 cells, Daudi cells, K-562 cells, Jurkat cells, THP-1 cells, Raji cells

IHC: 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
Weijie Dong	29965781	Autophagy	WB
Jie Chang	34998158	Cytokine	WB

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

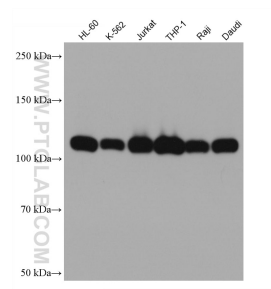
For technical support and original validation data for this product please contact:

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.

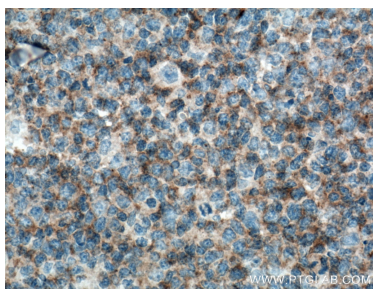
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66576-1-Ig (c-Cbl antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66576-1-Ig (CBL antibody) at dilution of 1:600 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66576-1-Ig (CBL antibody) at dilution of 1:600 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).