

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: 1800 ug/ml by 867

Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;

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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

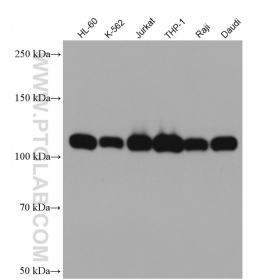
For technical support and original validation data for this product please contact:

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

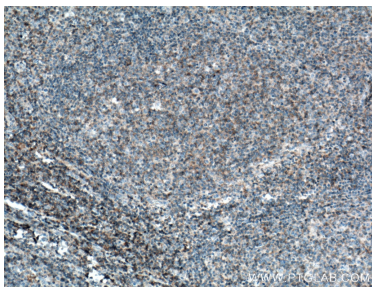
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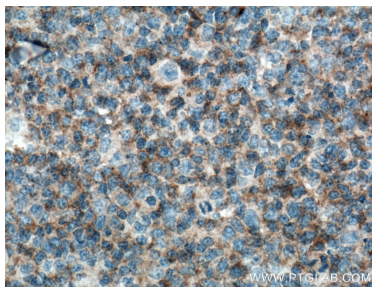
## Selected Validation Data



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).