

For Research Use Only

BCL10 Polyclonal antibody

Catalog Number: 50180-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

50180-1-AP

Size:

850 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0037

GenBank Accession Number:

BC053617

GeneID (NCBI):

8915

UNIPROT ID:

O95999

Full Name:

B-cell CLL/lymphoma 10

Calculated MW:

233 aa, 26 kDa

Observed MW:

26-32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:250-1:1000

Applications

Tested Applications:

FC, IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

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: A549 cells, K-562 cells, Jurkat cells, Raji cells, Ramos cells, mouse ovary tissue, rat ovary tissue

IHC: human lung cancer tissue, human colon cancer tissue

Background Information

The gene encoding BCL10 was identified by its recurrent translocation t(1;14)(p22;q32) in a case of mucosa-associated lymphoid tissue (MALT) lymphoma. BCL10 contains a caspase recruitment domain (CARD), and has been shown to induce apoptosis and to activate NF-kappaB.

Notable Publications

Author	Pubmed ID	Journal	Application
Fatma Aybuke Mazi	36708753	Cell Signal	WB
Dong Wei W	16831874	J Biol Chem	WB
Liu Yingle Y	15213237	J Biol Chem	WB

Storage

Storage:

Store at -20°C.

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:

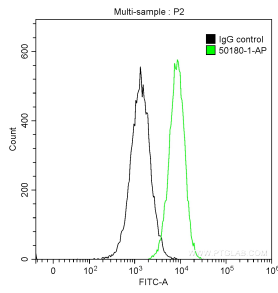
T: 4006900926

E: Proteintech-CN@ptglab.com

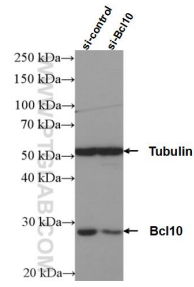
W: ptgcn.com

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

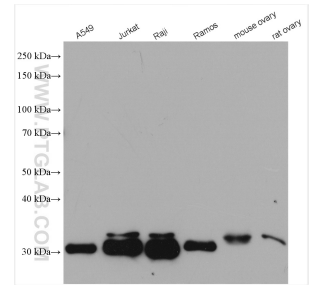
Selected Validation Data



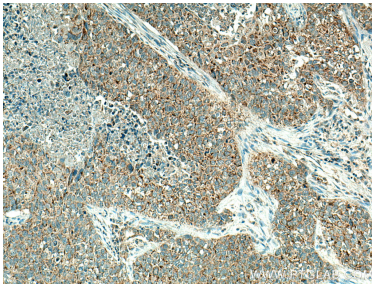
1X10⁶ Jurkat cells were intracellularly stained with 0.2 ug Anti-Human BCL10 (50180-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.



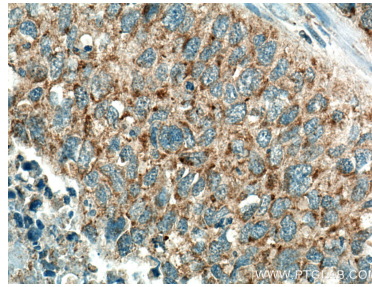
WB result of BCL10 antibody (50180-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-BCL10 transfected K-562 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 50180-1-AP (BCL10 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 50180-1-AP (BCL10 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 50180-1-AP (BCL10 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).