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BCL10 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AW5069-400

Specification

BCL10 Antibody - Product Information

Application	IHC-P, FC, WB
Primary Accession	O95999
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	H=26 KDa
Isotype	IgG1,κ
Antigen Source	HUMAN

BCL10 Antibody - Additional Information

Gene ID 8915

Antigen Region
1-143

Other Names
B-cell lymphoma/leukemia 10, B-cell CLL/lymphoma 10, Bcl-10, CARD-containing molecule enhancing NF-kappa-B, CARD-like apoptotic protein, hCLAP, CED-3/ICH-1 prodomain homologous E10-like regulator, CIPER, Cellular homolog of vCARMEN, cCARMEN, Cellular-E10, c-E10, Mammalian CARD-containing adapter mol

Dilution
WB~~1:1000
FC~~1:25
IHC-P~~1:25

Target/Specificity
This BCL10 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 1-143 amino acids from the human region of human BCL10.

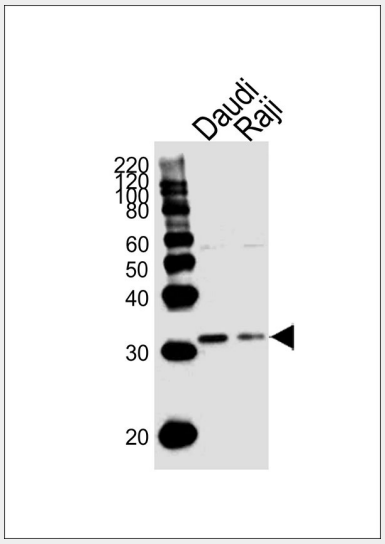
Format
Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

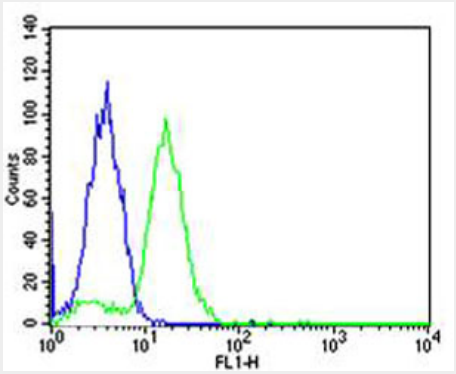
Precautions
BCL10 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

BCL10 Antibody - Protein Information

Name BCL10



Western blot analysis of lysates from Daudi,Raji cell line (from left to right), using BCL10 Antibody(Cat. #AW5069). AW5069 was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.Lysates at 20ug per lane.



Flow cytometric analysis of Hela cells using BCL10 Antibody(green, Cat#AW5069) compared to an isotype control of mouse IgG1(blue). AW5069 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-mouse lgG at 1:400 dilution was used as the secondary antibody.

Synonyms CIPER, CLAP

Function
Involved in adaptive immune response (PubMed:25365219). Promotes apoptosis, pro-caspase-9 maturation and activation of NF- kappa-B via NIK and IKK. May be an adapter protein between upstream TNFR1-TRADD-RIP complex and the downstream NIK-IKK-IKAP complex. Is a substrate for MALT1 (PubMed:18264101).

Cellular Location
Cytoplasm, perinuclear region. Membrane raft. Note=Appears to have a perinuclear, compact and filamentous pattern of expression. Also found in the nucleus of several types of tumor cells. Colocalized with DPP4 in membrane rafts

Tissue Location
Ubiquitous.

BCL10 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

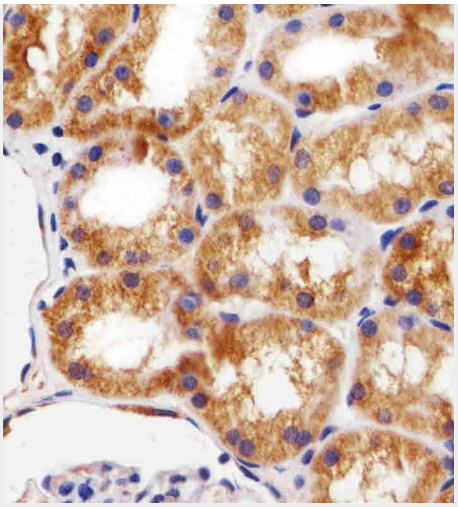
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BCL10 Antibody - Background

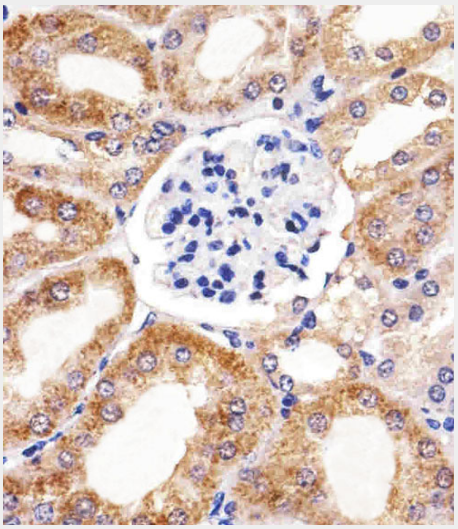
Promotes apoptosis, pro-caspase-9 maturation and activation of NF-kappa-B via NIK and IKK. May be an adapter protein between upstream TNFR1-TRADD-RIP complex and the downstream NIK-IKK-IKAP complex. Is a substrate for MALT1.

BCL10 Antibody - References

Willis T.G.,et al.Cell 96:35-45(1999). Koseki T.,et al.J. Biol. Chem. 274:9955-9961(1999). Thome M.,et al.J. Biol. Chem. 274:9962-9968(1999). Yan M.,et al.J. Biol. Chem. 274:10287-10292(1999). Srinivasula S.M.,et al.J. Biol. Chem. 274:17946-17954(1999).



Immunohistochemical analysis of paraffin-embedded H. kidney section using BCL10 Antibody(Cat#AW5069). AW5069 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded M. kidney section using BCL10 Antibody(Cat#AW5069). AW5069 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.