

ARG55820 anti-Bcl 10 antibody [1185CT13.2.1.2]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes Bcl 10
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	1185CT13.2.1.2
Isotype	IgG1, kappa
Target Name	Bcl 10
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 1-143 of Human Bcl 10.
Conjugation	Un-conjugated
Alternate Names	B-cell CLL/lymphoma 10; Cellular homolog of vCARMEN; cCARMEN; IMD37; CIPER; c-E10; Mammalian CARD-containing adapter molecule E10; Bcl-10; CED-3/ICH-1 prodomain homologous E10-like regulator; mE10; CARD-containing molecule enhancing NF-kappa-B; B-cell lymphoma/leukemia 10; hCLAP; Cellular-E10; CARMEN; CLAP; CARD-like apoptotic protein

Application Instructions

Application table	Application	Dilution
	FACS	1:25
	IHC-P	1:25
	WB	1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Daudi	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 8915 Human](#)

[Swiss-port # O95999 Human](#)

Gene Symbol

BCL10

Gene Full Name

B-cell CLL/Lymphoma 10

Background

This gene was identified by its translocation in a case of mucosa-associated lymphoid tissue (MALT) lymphoma. The protein encoded by this gene contains a caspase recruitment domain (CARD), and has been shown to induce apoptosis and to activate NF-kappaB. This protein is reported to interact with other CARD domain containing proteins including CARD9, 10, 11 and 14, which are thought to function as upstream regulators in NF-kappaB signaling. This protein is found to form a complex with MALT1, a protein encoded by another gene known to be translocated in MALT lymphoma. MALT1 and this protein are thought to synergize in the activation of NF-kappaB, and the deregulation of either of them may contribute to the same pathogenetic process that leads to the malignancy. [provided by RefSeq, Jul 2008]

Function

Involved in adaptive immune response. 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. [UniProt]

Calculated Mw

26 kDa

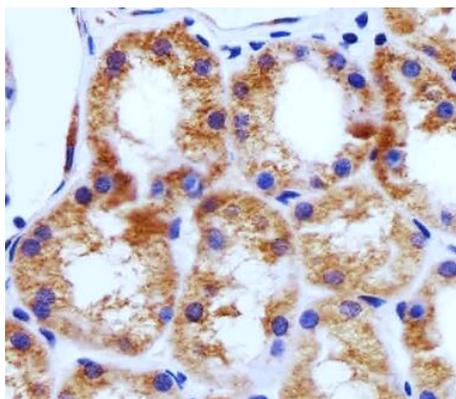
PTM

Phosphorylated. Phosphorylation results in dissociation from TRAF2 and binding to BIRC2/c-IAP2. Phosphorylated by IKKBK/IKKB.

Cellular Localization

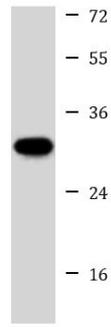
Cytoplasm, perinuclear region. Membrane raft. Note=Appears to have a perinuclear, compact and filamentous pattern of expression. Also found in the nucleus of several types of tumor cells. Colocalized with DPP4 in membrane rafts

Images



ARG55820 anti-Bcl 10 antibody IHC-P image

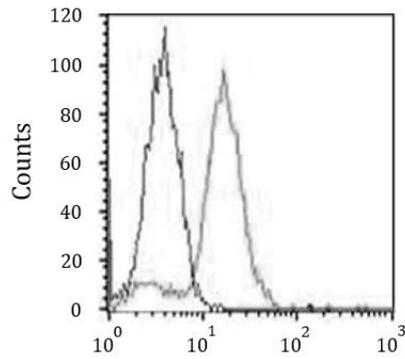
Immunohistochemistry: Paraffin-embedded Human kidney tissue stained with ARG55820 anti-Bcl 10 antibody at 1:25 dilution.



Daudi

ARG55820 anti-Bcl 10 antibody WB image

Western blot: 35 μ g of Daudi cell lysate stained with ARG55820 anti-Bcl 10 antibody at 1:1000 dilution.



ARG55820 anti-Bcl 10 antibody FACS image

Flow Cytometry: HeLa cells stained with ARG55820 anti-Bcl 10 antibody (right histogram) at 1:25 dilution or isotype control antibody (left histogram), followed by incubation with Alexa Fluor[®] 488 labelled secondary antibody.