.-online.com antibodies

Datasheet for ABIN1724629 anti-BCL10 antibody

4 Images

2 Publications



Overview

Quantity:	100 μL
Target:	BCL10
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BCL10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human BCL-10 expressed in E. coli.
Clone:	4F8
Isotype:	lgG1
Purification:	purified

Target Details

Target:	BCL10
Alternative Name:	BCL-10 (BCL10 Products)
Background:	Description: Bcl-10 (B-cell CLL/lymphoma 10), also known as CLAP, Me10, CIPER, c-E10, CARMEN. Entrez Protein NP_003912. It is a protein containing a caspase recruitment domain
	(CARD). It plays an important role in apoptosis and activating NF-kappaB. The research

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/4 | Product datasheet for ABIN1724629 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Target Details

	suggested that it interacted with other CARD domain containing proteins including CARD9, 10,
	11 and 14, which were thought to function as upstream regulators in NF-kappaB signaling. Bcl-
	10 is found to form a complex with MALT1 which encoded by another gene known to be
	translocated in MALT lymphoma. MALT1 and Bcl-10 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.
	Aliases: CLAP, Me10, CIPER, c-E10, CARMEN
Molecular Weight:	26 kDa
Gene ID:	8915
NCBI Accession:	NP_003912
HGNC:	8915
Pathways:	TCR Signaling, Fc-epsilon Receptor Signaling Pathway, Activation of Innate immune Response,
	Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune
	Response, Tube Formation, Positive Regulation of Endopeptidase Activity, BCR Signaling,
	Ubiquitin Proteasome Pathway, S100 Proteins

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only

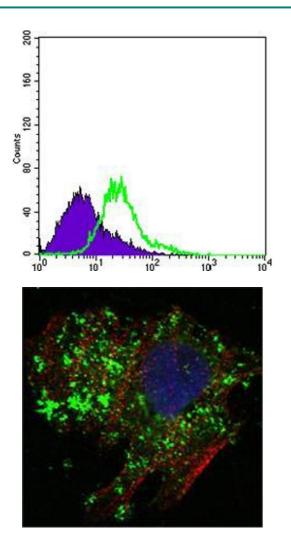
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage
Publications	
Product cited in:	Zuhlke, Johnson, Okoth, Stoffel, Robbins, Tembe, Salinas, Zheng, Xu, Carpten, Lange, Isaacs,

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/4 | Product datasheet for ABIN1724629 | 09/11/2023 | Copyright antibodies-online. All rights reserved. Cooney: "Identification of a novel NBN truncating mutation in a family with hereditary prostate cancer." in: **Familial cancer**, Vol. 11, Issue 4, pp. 595-600, (2012) (PubMed).

Zheng, Zhang, Jiang, You, Liu, Lu, Zhou: "Functional NBS1 polymorphism is associated with occurrence and advanced disease status of nasopharyngeal carcinoma." in: **Molecular carcinogenesis**, Vol. 50, Issue 9, pp. 689-96, (2011) (PubMed).

Images



Flow Cytometry

Image 1. Flow cytometric analysis of Hela cells using BCL10 mouse mAb (green) and negative control (purple).

Immunofluorescence

Image 2. Confocal immunofluorescence analysis of Hela cells using BCL10 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/4 | Product datasheet for ABIN1724629 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Immunohistochemistry

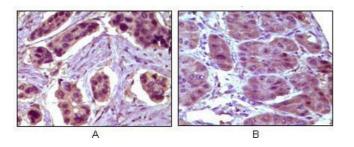


Image 3. Immunohistochemical analysis of paraffinembedded human breast carcinoma (A) and liver carcinoma (B), showing cytoplasmic localization using BCL10 mouse mAb with DAB staining.

Please check the product details page for more images. Overall 4 images are available for ABIN1724629.