BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-B-cell lymphoma/leukemia 10 Bcl10 Antibody Picoband®

Catalog Number: PA1504

About BCL10

BCL10, B-cell CLL/lymphoma 10, gene was identified by its translocation in a case of mucosa-associated lymphoid tissue (MALT) lymphoma. The BCL10 gene is mapped to chromosome 1p22. 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 though 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 though 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.

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Overview

Product Name	Anti-B-cell lymphoma/leukemia 10 Bcl10 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-B-cell lymphoma/leukemia 10 Bcl10 Antibody catalog # PA1504. Tested in WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2mg Na2HPO4.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O95999

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Bcl10, identical to the related rat and mouse sequences.

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Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Human, Rat, Mouse

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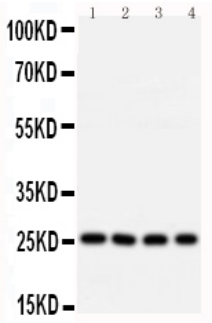
Anti-B-cell lymphoma/leukemia 10 Bcl10 Antibody Picoband® (PA1504) Images



Anti-Bcl10 antibody, PA1504, Western blottingLane 1: U87 Cell LysateLane 2: MCF-7 Cell LysateLane 3: HELA Cell LysateLane 4: COLO320 Cell Lysate

Anti-B-cell lymphoma/leukemia 10 Bcl10 Antibody

For Research Use Only. Not for use in diagnostic procedures.