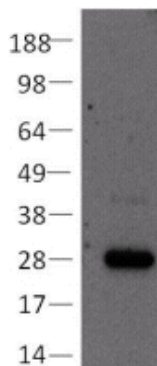


Affinity Purified anti-human Bcl-2

RUO: For Research Use Only



Lysates prepared under reducing conditions from Jurkat cells were resolved by SDS-PAGE then immunoblotted with 2 µg/ml of anti-human Bcl-2 (bcl-2/100) antibody. Bands were visualized using HRP-conjugated anti-mouse IgG.

Product Information

Contents: Affinity Purified anti-human Bcl-2


 Catalog Number: 14-1028


Clone: Bcl-2/100

Concentration: 0.5 mg/mL

Host/Isotype: Mouse IgG1

Formulation: aqueous buffer, 0.09% sodium azide, contains stabilizer if necessary

 Temperature Limitation: Store at 2-8°C.
Avoid repeated freeze/thaw cycles.

 Batch Code: Refer to Vial

 Use By: Refer to Vial

Description

This bcl-2/100 monoclonal antibody reacts to human Bcl-2 (B-cell Lymphoma 2), the founding member of a family of pro-apoptotic proteins which includes Bcl-XL, Bcl-w, and Mcl-1. Bcl-2 plays a role in protecting against apoptosis-inducing insults such as dexamethasone and staurosporine, as well as irradiation and cytokine withdrawal. The mechanism is thought to include regulation of mitochondrial membrane permeability, resulting in sequestration of caspase proforms, or by preventing the release of apoptosis-mediating mitochondrial factors, such as cytochrome c and AIF (apoptosis-inducing factor), into the cytoplasm. Bcl-2 is localized to the cytoplasmic side of the mitochondrial membrane, the nuclear envelope, and the endoplasmic reticulum. Interestingly Bcl-2 does not play a role in preventing cell death of autoreactive T cells in the thymus or Fas-mediated apoptosis. Two isoforms, termed alpha and beta of Bcl-2 have been identified and are a result of alternative splicing at the C-terminus. This antibody recognizes both forms.

Applications Reported

For research use only, not for diagnostic or therapeutic use. This Bcl-2/100 antibody has been reported for use in immunoblotting (WB).

Applications Tested

This Bcl-2/100 antibody has been tested by immunoblot analysis of the Jurkat cell line. This can be used at 1-5 µg/ml for detection of reduced and denatured protein.

Related Products

14-4714 Affinity Purified Mouse IgG1, K Isotype Control

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