

Anti-Bcl-2 (RABBIT) Antibody - 200-401-222

Code: 200-401-222 Size: 200 µg

Product Description: Anti-Bcl-2 (RABBIT) Antibody - 200-401-222

Concentration: 2.0 mg/mL by UV absorbance at 280 nm

PhysicalState: Liquid (sterile filtered)

Label Unconjugated

Host Rabbit **Gene Name** BCL₂

Species Reactivity Human, mouse, rat, bovine

Buffer 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer None

Preservative 0.01% (w/v) Sodium Azide

Storage Condition

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to

immediate use.

Synonyms

Apoptosis regulator Bcl 2 antibody, Apoptosis regulator Bcl2 antibody, AW986256 antibody, B cell CLL/lymphoma 2 antibody, B cell leukemia/lymphoma 2 antibody, B cell lymphoma 2 antibody, Bcl 2 antibody

This purified IgG antibody against Human Bcl-2 has been tested for use in immunofluorescence microscopy and immunoblotting. The antibody recognizes a 27 kDa band corresponding to human bcl-2. Anti-Bcl-2 shows **Application Note**

perinuclear staining of Bcl-2. Reactivity in other immunoassays is unknown.

Bcl-2 is a human proto-oncogene located chromosome 18. Its product is an integral membrane protein (also called Bcl-2) located in the membranes of the endoplasmic reticulum (ER), nuclear envelope, and in the outer Background

membranes of the mitochondria. The gene was discovered as the translocated locus in a B-cell leukemia (hence the name). This translocation is also found in some B-cell lymphomas. In the cancerous B cells, the portion of chromosome 18 containing the BCL-2 locus has undergone a reciprocal translocation with the portion of chromosome 14 containing the antibody heavy chain locus. This t(14;18) translocation places the BCL-2 gene close to the heavy chain gene enhancer. This enhancer is very active in B cells and therefore results in high levels of Bcl-2 expression in these cells. High levels of the Bcl-2 protein protect the cells from early death by apoptosis. The Bcl-2 protein suppresses apoptosis by preventing the activation of the caspases that carry out the process. It is conceived that introduction of the Bcl-2 gene into the cells of injured tissue will reduce cell

death and improve the clinical outcome of the injury

This purified IgG antibody was prepared from monospecific rabbit antiserum by Protein A chormatography. The **Purity And Specificity**

antibody is directed against human Bcl-2 and is useful in determining its presence in various assays.

Assay Dilutions User Optimized

ELISA 1:10,000 - 1:50,000

WESTERN BLOT 1:500-1:2,000

OTHER ASSAYS User Optimized

Expiration Expiration date is one (1) year from date of opening.

This purified IgG antibody was prepared from rabbit serum by repeated immunizations with a synthetic peptide **Immunogen**

corresponding to amino acids 62-76 (RDPVARTSPLQTPAA) of human Bcl-2.

Related Products

200-301-268 Anti-AKT pS473 (MOUSE) Monoclonal Antibody - 200-301-268

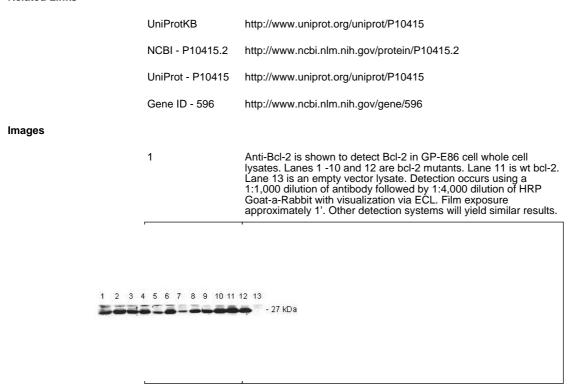
600-401-381 Anti-MYC EPITOPE TAG (RABBIT) Antibody - 600-401-381

Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302 610-4302

Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated 611-1302

- 611-1302

Related Links



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