

Anti-BCL2A1/Bcl 2 Related Protein A1 Rabbit Monoclonal Antibody

Catalog # ABO13835

Product Information

Application	WB, IHC, FC
Primary Accession	Q16548
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-BCL2A1/Bcl 2 Related Protein A1 Rabbit Monoclonal Antibody . Tested in WB, IHC, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

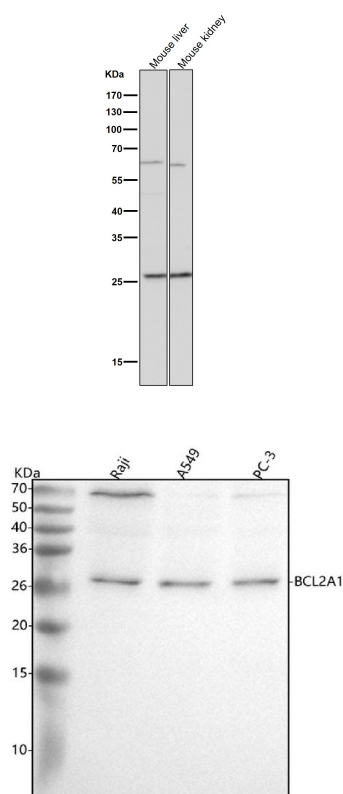
Gene ID	597
Other Names	Bcl-2-related protein A1, Bcl-2-like protein 5, Bcl2-L-5, Hemopoietic-specific early response protein, Protein BFL-1, Protein GRS, BCL2A1, BCL2L5, BFL1, GRS, HBPA1
Calculated MW	20132
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 FC 1:100
Subcellular Localization	Cytoplasm.
Tissue Specificity	Seems to be restricted to the hematopoietic compartment. Expressed in peripheral blood, spleen, and bone marrow, at moderate levels in lung, small intestine and testis, at a minimal levels in other tissues. Also found in vascular smooth muscle cells and hematopoietic malignancies.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: EEE-2
Immunogen	A synthesized peptide derived from human BCL2A1
Purification	Affinity-chromatography

Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
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Protein Information

Name	BCL2A1
Synonyms	BCL2L5, BFL1, GRS, HBPA1
Function	Retards apoptosis induced by IL-3 deprivation. May function in the response of hemopoietic cells to external signals and in maintaining endothelial survival during infection (By similarity). Can inhibit apoptosis induced by serum starvation in the mammary epithelial cell line HC11 (By similarity).
Cellular Location	Cytoplasm.
Tissue Location	Seems to be restricted to the hematopoietic compartment. Expressed in peripheral blood, spleen, and bone marrow, at moderate levels in lung, small intestine and testis, at a minimal levels in other tissues. Also found in vascular smooth muscle cells and hematopoietic malignancies

Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

Figure 1. Western blot analysis of BCL2A1 using anti-BCL2A1 antibody (M03850).
 Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
 Lane 1: human Raji whole cell lysates,
 Lane 2: human A549 whole cell lysates,
 Lane 3: human PC-3 whole cell lysates.
 After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-BCL2A1 antigen affinity purified monoclonal antibody (Catalog # M03850) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for

BCL2A1 at approximately 27 kDa. The expected band size for BCL2A1 is at 20 kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.