

## Product datasheet for **TA806463BM**

### **BCL2A1 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI3D10]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI3D10
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human BCL2A1 (NP_004040) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	HRP
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	20 kDa
Gene Name:	BCL2 related protein A1
Database Link:	<a href="#">NP_004040</a> <a href="#">Entrez Gene 597 Human</a> <a href="#">Q16548</a>



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**Background:**

This gene encodes a member of the BCL-2 protein family. The proteins of this family form hetero- or homodimers and act as anti- and pro-apoptotic regulators that are involved in a wide variety of cellular activities such as embryonic development, homeostasis and tumorigenesis. The protein encoded by this gene is able to reduce the release of pro-apoptotic cytochrome c from mitochondria and block caspase activation. This gene is a direct transcription target of NF-kappa B in response to inflammatory mediators, and is up-regulated by different extracellular signals, such as granulocyte-macrophage colony-stimulating factor (GM-CSF), CD40, phorbol ester and inflammatory cytokine TNF and IL-1, which suggests a cytoprotective function that is essential for lymphocyte activation as well as cell survival. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Synonyms:**

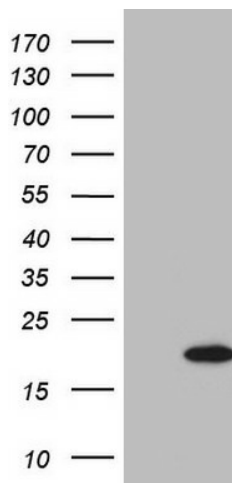
ACC-1; ACC-2; ACC1; ACC2; BCL2L5; BFL1; GRS; HBPA1

**Protein Families:**

Druggable Genome

**Protein Pathways:**

Metabolic pathways

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY BCL2A1 (Cat# [RC201965], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BCL2A1 (Cat# [TA806463]). Positive lysates [LY418253] (100ug) and [LC418253] (20ug) can be purchased separately from OriGene.