OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA506188

Bcl x (BCL2L1) Mouse Monoclonal Antibody [Clone ID: OTI2D1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2D1
Applications:	IHC, WB
Recommended Dilution:	WB 1:1000, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human BCL2L1(NP_612815) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25.9 kDa
Gene Name:	BCL2 like 1
Database Link:	NP_612815 Entrez Gene 12048 MouseEntrez Gene 24888 RatEntrez Gene 598 Human Q07817

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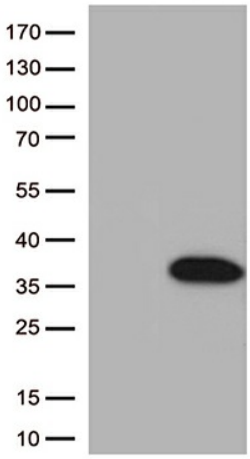
Background: The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Two alternatively spliced transcript variants, which encode distinct isoforms, have been reported. The longer isoform acts as an apoptotic inhibitor and the shorter form acts as an apoptotic activator. [provided by RefSeq, Jul 2008]

Synonyms: Bcl-X; BCL-XL/S; BCL2L; BCLX; PPP1R52

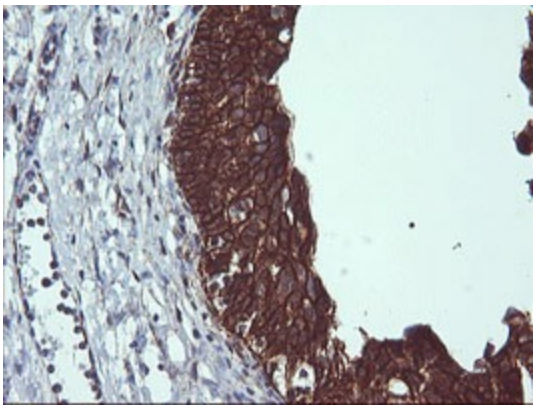
Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: Amyotrophic lateral sclerosis (ALS), Apoptosis, Chronic myeloid leukemia, Jak-STAT signaling pathway, Pancreatic cancer, Pathways in cancer, Small cell lung cancer

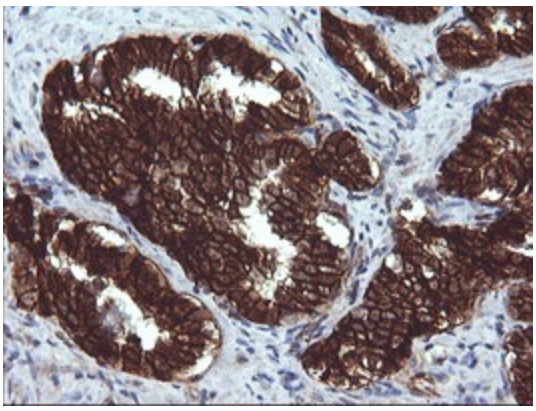
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY BCL2L1 ([RC201314], 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-BCL2L1 (1:500).

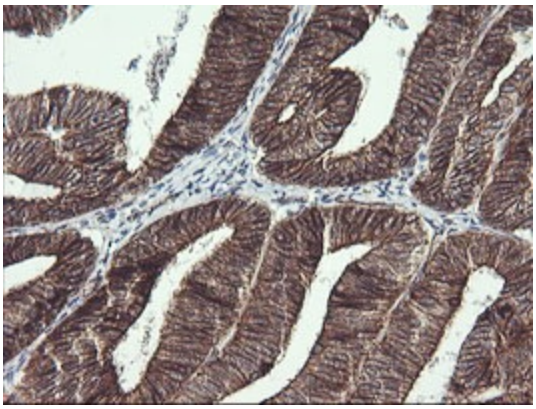


Immunohistochemical staining of paraffin-embedded Human bladder tissue within the normal limits using anti-BCL2L1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA506188) (1:150)

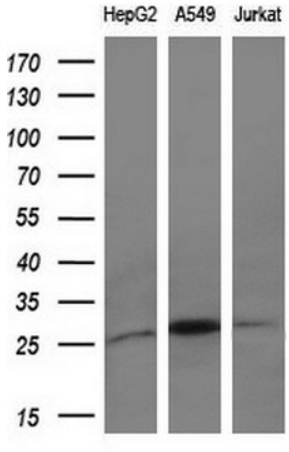


Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-BCL2L1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA506188) (1:150)

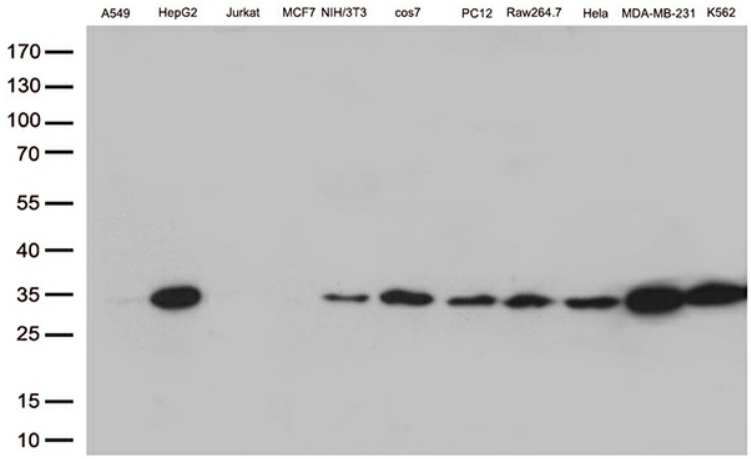
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-BCL2L1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA506188) (1:150)



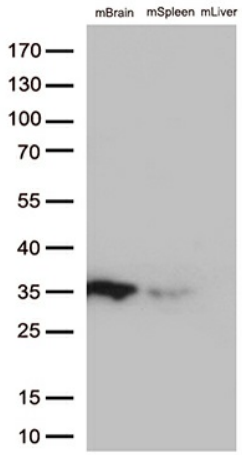
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-BCL2L1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA506188) (1:150)



Western blot analysis of extracts (10ug) from 3 different cell lines by using anti-BCL2L1 monoclonal antibody (1:200).



Western blot analysis of extracts (35ug) from 11 cell lines lysates by using anti-BCL2L1 monoclonal antibody (1:500).



Western blot analysis of extracts (35ug) from 3 tissue lysates by using anti-BCL2L1 monoclonal antibody (1:500).