

## OriGene Technologies, Inc.

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# Product datasheet for TA806589M

## BCL2 Mouse Monoclonal Antibody [Clone ID: OTI10C7]

### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI10C7
Applications:	IHC, WB
Recommended Dilution:	WB 1:500~1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
lsotype:	lgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human BCL2 (NP_000624) 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.
Gene Name:	B-cell CLL/lymphoma 2
Database Link:	<u>NP_000624</u> <u>Entrez Gene 596 Human</u> <u>P10415</u>
Synonyms:	Bcl-2; PPP1R50
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Stem cell - Pluripotency, Transmembrane
Protein Pathways:	Amyotrophic lateral sclerosis (ALS), Apoptosis, Colorectal cancer, Focal adhesion, Neurotrophin signaling pathway, Pathways in cancer, Prostate cancer, Small cell lung cancer



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#### **Product images:**

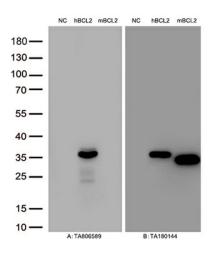
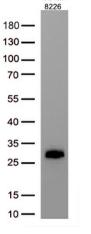


Figure A, Western blot analysis of overexpressed lysates (25ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human BCL2 plasmid ([RC204498], hBCL2), mouse BCL2 plasmid ([MR212128], mBCL2) using anti-BCL2 antibody [TA806589] (1:500). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000)

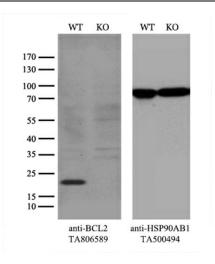


RPMI-

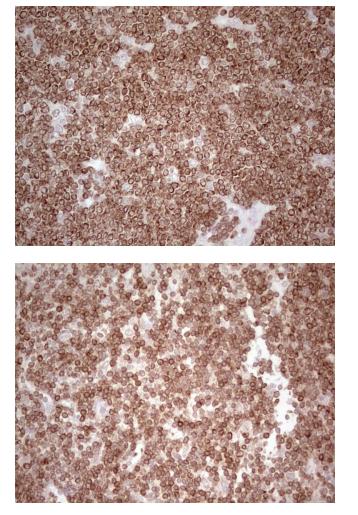
Western blot analysis of extracts (50ug per lane) from RPMI-8226 lysate by using anti-BCL2 antibody ([TA806589],1:500).

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Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and BCL2-Knockout HeLa cells (KO, Cat# [LC811172]) were separated by SDS-PAGE and immunoblotted with anti-BCL2 monoclonal antibody [TA806589], (1:500). Then the blotted membrane was stripped and reprobed with anti-HSP90AB1 antibody ([TA500494]) as a loading control.



Immunohistochemical staining of paraffinembedded Human lymphoma tissue using anti-BCL2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

Immunohistochemical staining of paraffinembedded Human tonsil within the normal limits using anti-BCL2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

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