

Product datasheet for TA806590M

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

BCL2 Mouse Monoclonal Antibody [Clone ID: OTI5H8]

Product data:

Product Type: Primary Antibodies

Clone Name: OTI5H8

Applications: WB

Recommended Dilution: WB 1:500~1:2000

Reactivity: Human
Host: Mouse
Isotype: IgG2a

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.

Predicted Protein Size: 26.1 kDa

Gene Name: B-cell CLL/lymphoma 2

Database Link: NP 000624

Entrez Gene 596 Human

P10415

Background: This gene encodes an integral outer mitochondrial membrane protein that blocks the

apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Two transcript variants, produced by alternate splicing, differ in their C-

terminal ends. [provided by RefSeq, Jul 2008]





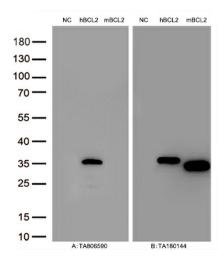
Synonyms: Bcl-2; PPP1R50

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

Product images:



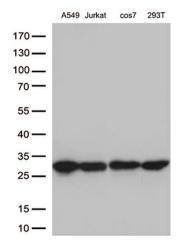


Figure A, Western blot analysis of overexpressed lysates (25ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human BCL2 plasmid ([RC204498], hBCL2), mouse BCL2 plasmid ([MR212128], mBCL2) using anti-BCL2 antibody [TA806590] (1:500). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000).

Western blot analysis of extracts (35ug) from 4 cell lines lysates by using anti-BCL2 monoclonal antibody (1:500).