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Bcl-2 Rabbit mAb

Catalog No.: A25812

Recombinant | 3 Publications

Basic Information

Observed MW
26 kDa

Calculated MW
26 kDa

Category
Monoclonal Antibodies

Applications
WB, IHC-P, ELISA

Cross Reactivity
Mouse, Rat

Clone No.
ARC67750

Background

Enables BH domain binding activity. Involved in several processes, including response to peptide; response to purine-containing compound; and response to vitamin. Located in cytosol; mitochondrial crista; and perinuclear region of cytoplasm. Used to study several diseases, including brain ischemia (multiple); end stage renal disease; gastric ulcer; intestinal disease (multiple); and status epilepticus. Biomarker of several diseases, including abdominal obesity-metabolic syndrome 1; brain disease (multiple); hypertension (multiple); intrinsic cardiomyopathy (multiple); and neurodegenerative disease (multiple). Human ortholog(s) of this gene implicated in several diseases, including carcinoma (multiple); hematologic cancer (multiple); intracranial aneurysm; prostate cancer; and urinary bladder cancer. Orthologous to human BCL2 (BCL2 apoptosis regulator).

Recommended Dilutions

WB	1:1000 - 1:4000
IHC-P	1:200 - 1:800

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
24224

Swiss-Prot
P49950

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
Bcl-2

Contact

400-999-6126
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Product Information

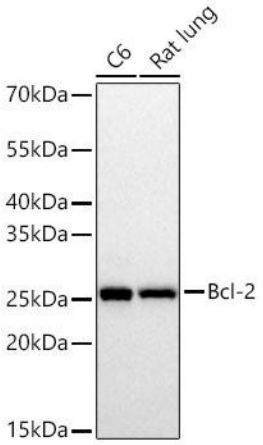
Source
Rabbit

Isotype
IgG

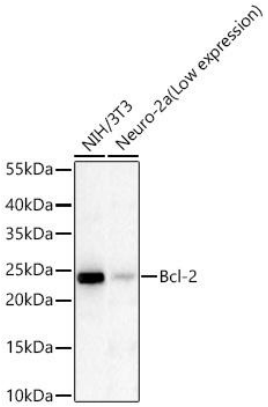
Purity
Affinity purification

Storage
Store at -20℃
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

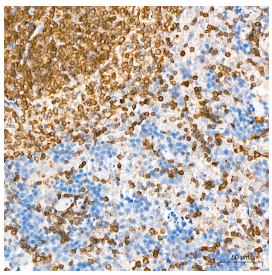
Validation Data



Western blot analysis of various lysates using Bcl-2 Rabbit mAb (A25812) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30 s.



Western blot analysis of various lysates using Bcl-2 Rabbit mAb (A25812) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45s.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using Bcl-2 Rabbit mAb (A25812) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

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