Bcl-2 Polyclonal Antibody

catalog number: **E-AB-60012**

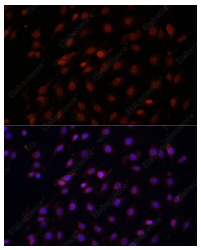
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

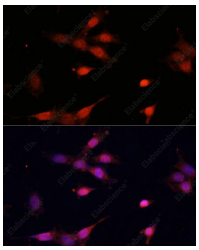
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human Bcl-2
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
IHC	1:500-1:2000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000

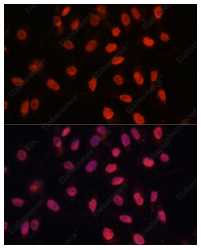
Data



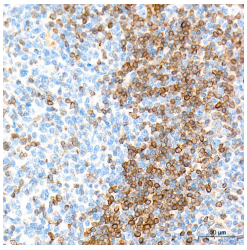
Immunofluorescence analysis of C6 cells using Bcl-2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



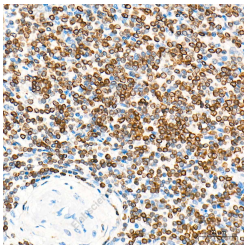
Immunofluorescence analysis of NIH-3T3 cells using Bcl-2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

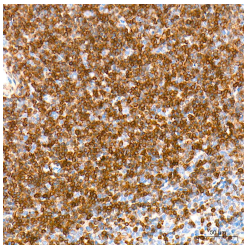


Immunofluorescence analysis of U-2 OS cells using Bcl-2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



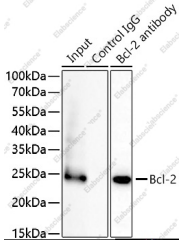
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using [KD Validated] Bcl-2 Rabbit pAb (A0208SP) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.





Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using [KD Validated] Bcl-2 Rabbit pAb (A0208SP) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

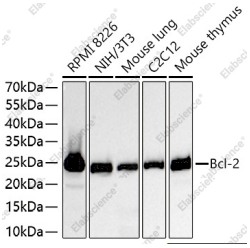
Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using [KD Validated] Bcl-2 Rabbit pAb (A0208SP) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunoprecipitation of Bcl-2 from 600 µg extracts of Mouse spleen tissue was performed using 3 µg of [KD Validated] Bcl-2 Rabbit pAb (A0208SP).Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using [KD Validated] Bcl-2 Rabbit pAb (A0208SP) at a dilution of 1:10000.

Observed-MW:24kDa/26 kDa

Calculated-MW:22 kDa/26 kDa



Western blot analysis of various lysates using [KD Validated] Bcl-2 Rabbit pAb (A0208SP) at 1:12000 dilution incubated overnight at 4°C.|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: 45 s.

Observed-MW:24kDa/26 kDa

Calculated-MW:22 kDa/26 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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. Alternative splicing results in multiple transcript