

Rabbit BCL-2 Polyclonal Antibody | anti-BCL-2 antibody

BCL-2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322213	Rabbit	Human, Mouse, Rat, Chinese Mitten Crab	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

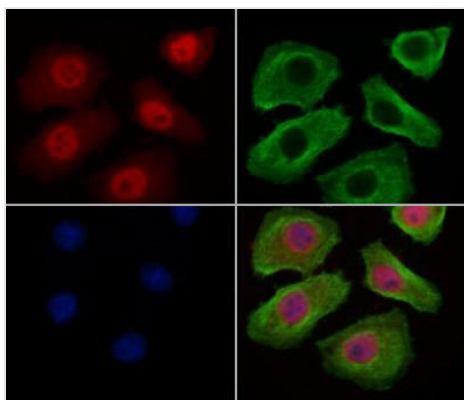
PRODUCT SYNONYMS

BCL-2; Polyclonal Antibody; BCL-2 Antibody; Apoptosis regulator Bcl 2; Apoptosis regulator Bcl-2; Apoptosis regulator Bcl2; AW986256; B cell CLL/lymphoma 2; B cell leukemia/lymphoma 2; Bcl-2; Bcl2; BCL2_HUMAN; C430015F12Rik; D630044D05Rik; D830018M01Rik; Leukemia/lymphoma; B-cell; 2; Oncogene B-cell leukemia 2; PPP1R50; Protein phosphatase 1; regulatory subunit 50; anti-BCL-2 antibody

PRODUCT SPECIFICATIONS

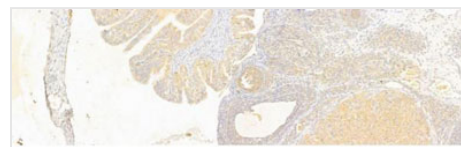
Host	Rabbit
Reactivity	Human, Mouse, Rat, Chinese Mitten Crab
Clonality	Polyclonal
Specificity	Bcl-2 Antibody detects endogenous levels of total Bcl-2.
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-BCL-2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Bcl-2, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



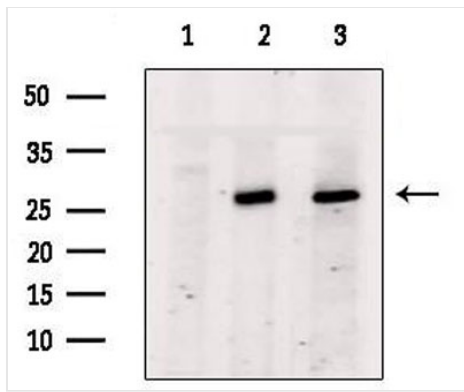
IF (Immunofluorescence)

AAA322213 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA322213 1:200) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



IHC (Immunohistochemistry)

AAA322213 at 1/100 staining Human pancreatic cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from various samples, using BCL-2 Antibody. Lane 1: EC304 cells, blocked with antigen-specific peptides. Lane 2: EC304 cells. Lane 3: Mouse muscle.

ADDITIONAL INFORMATION

Related Product Information for anti-BCL-2 antibody	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.
References	Pan L, Zhang Y, Zhao W, Zhou X, Wang C, Deng F; Journal: Cancer Chemother Pharmacol. The cardiac glycoside oleandrin induces apoptosis in human colon cancer cells via the mitochondrial pathway. Zhao ZH, Deng B, Xu H, Zhang JF, Mi YJ, Meng XZ, Gou XC, Xu LX; Journal: Cell Mol Neurobiol. PirB Overexpression Exacerbates Neuronal Apoptosis by Inhibiting TrkB and mTOR Phosphorylation After Oxygen and Glucose Deprivation Injury. Liu Y, Zheng J, Zhang Y, Wang Z, Yang Y, Bai M, Dai Y; Journal: Neurochem Res. Fucoxanthin Activates Apoptosis via Inhibition of PI3K/Akt/mTOR Pathway and Suppresses Invasion and Migration by Restriction of p38-MMP-2/9 Pathway in Human Glioblastoma Cells. Shao Q, Zhang P, Ma Y, Lu Z, Meng J, Li H, Wang X, Chen D, Zhang M, Han Y, Liu H, Ma S; Journal: Gene. MicroRNA-139-5p affects cisplatin sensitivity in human nasopharyngeal carcinoma cells by regulating the epithelial-to-mesenchymal transition. Minfei Yang, Bing Liu, Libin Jin, Huimin Tao, Zhengming Yang; Journal: J BONE ONCOL. Estrogen receptor beta exhibited anti-tumor effects on osteosarcoma cells by regulating integrin, IAP, NFkB/BCL-2 and PI3K/Akt signal pathway.

NCBI AND UNIPROT INFORMATION

NCBI GI #	72198189
NCBI GeneID	596
NCBI Accession #	NP_000624.2
NCBI GenBank Nucleotide #	NM_000633.2
UniProt Accession #	P10415 ; P10416 ; Q13842 ; Q16197 ; C9JHD5
Molecular Weight	26kDa
NCBI Official Full Name	apoptosis regulator Bcl-2 isoform alpha
NCBI Official Synonym Full Names	BCL2, apoptosis regulator
NCBI Official Symbol	BCL2
NCBI Official Synonym Symbols	Bcl-2; PPP1R50
NCBI Protein Information	apoptosis regulator Bcl-2
UniProt Protein Name	Apoptosis regulator Bcl-2
UniProt Gene Name	BCL2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bcl-2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322213>