

**bs-0032R****[ Primary Antibody ]****Bioss**  
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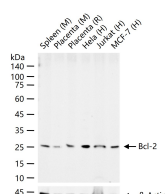
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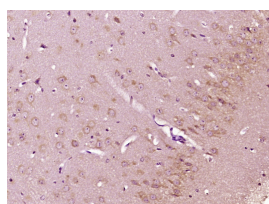
**Bcl-2 Rabbit pAb****— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 596**SWISS:** P10415**Target:** Bcl-2**Immunogen:** KLH conjugated synthetic peptide derived from human Bcl-2: 101-160/236.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

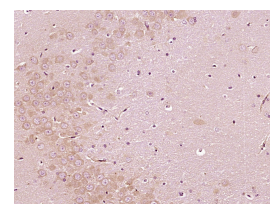
**Background:** The Bcl-2 gene was isolated at the chromosomal breakpoint of t(14;18)-bearing follicular B cell lymphomas(1,2). Bcl-2 blocks cell death following a variety of stimuli and confers a death-sparing effect to certain hematopoietic cell lines following growth factor withdrawal (3,5). Bcl-2 appears to function in several subcellular locations yet lacks any known motifs that would confer insight into its mechanism of action (6,7). A more recently identified protein, designated Bax p21 (i.e., Bcl-associated X protein), has extensive amino acid homology with Bcl-2 and both homodimerizes and forms heterodimers with Bcl-2(8). Overexpression of Bax accelerates apoptotic death induced by cytokine deprivation in an IL-3 dependent cell line and Bax also counters the death repressor activity of Bcl-2(8).

**Applications:** WB (1:1000-5000)**IHC-P** (1:200-500)**IHC-F** (1:200-500)**IF** (1:200-500)**ELISA** (1:5000-10000)**Reactivity:** Human, Mouse, Rat  
(predicted: Chicken)**Predicted**  
**MW.:** 26 kDa**Subcellular** Cell membrane ,Cytoplasm  
**Location:** ,Nucleus**— VALIDATION IMAGES —**

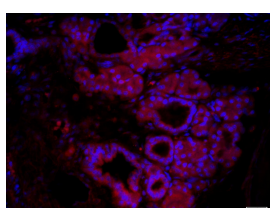
25 ug total protein per lane of various lysates (see on figure) probed with Bcl-2 polyclonal antibody, unconjugated (bs-0032R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Bcl-2) Polyclonal Antibody, Unconjugated (bs-0032R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Bcl-2) Polyclonal Antibody, Unconjugated (bs-0032R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

(Rat thyroid gland); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (B cell lymphoma 2; Bcl-2) Polyclonal Antibody, Unconjugated (bs-0032R) at 1:200 overnight at 4°C, followed by a conjugated secondary antibody (bs-0295G-cy3) for 90 minutes and DAPI for nuclei staining.

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## — SELECTED CITATIONS —

- **[IF=18.027]** Shikai Liu. et al. On-Demand Generation of Peroxynitrite from an Integrated Two-Dimensional System for Enhanced Tumor Therapy. ACS NANO. 2022;XXXX(XXX):XXX-XXX WB ;Human. 35666853
- **[IF=16.6]** Liu Chunxiao. et al. Targeting P2Y<sub>14</sub>R protects against necroptosis of intestinal epithelial cells through PKA/CREB/RIPK1 axis in ulcerative colitis. NAT COMMUN. 2024 Mar;15(1):1-16 WB ;Mouse. 38453952
- **[IF=14.7]** Chunxiao Liu. et al. Targeting P2Y<sub>14</sub>R protects against necroptosis of intestinal epithelial cells through PKA/CREB/RIPK1 axis in ulcerative colitis. nature communications. 2024 Mar 7;15(1):2083. Western blot ;Mouse. 38453952
- **[IF=14.593]** Guo-Bin Ding. et al. Molecularly engineered tumor acidity-responsive plant toxin gelonin for safe and efficient cancer therapy. Bioact Mater. 2022 Feb;; IHC ;Mouse. 10.1016/j.bioactmat.2022.02.001
- **[IF=14.3]** Huitong Luo. et al. Nanocomposite hydrogel orchestrating multiple modulation of degenerative microenvironment for potential application in intervertebral disc regeneration. J MATER SCI TECHNOL. 2025 Feb;; WB,IP ;Human. 10.1016/j.jmst.2024.12.042