

Anti-Bcl2 L14 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

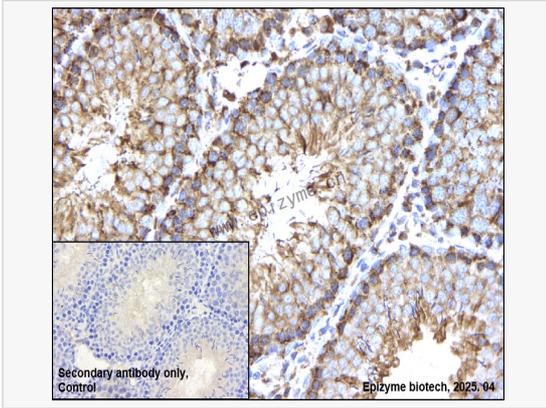
Catalog # R015368

Product Information

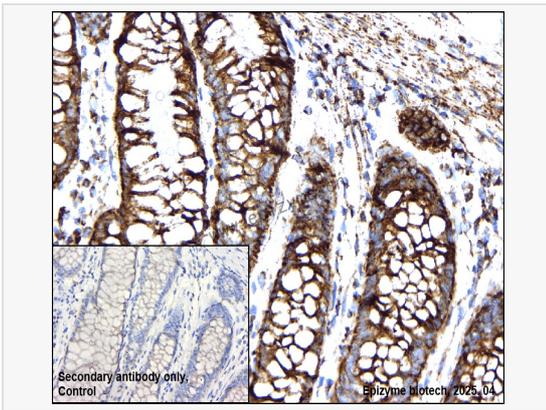
Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	60D71C62
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from BCLG
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Bcl2 L14 Rabbit mAb [60D71C62] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

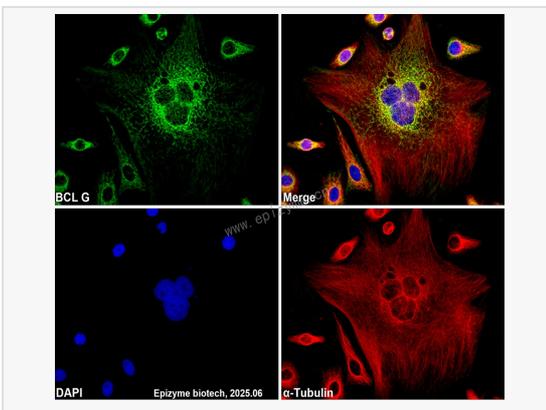
Synonyms	Apoptosis facilitator Bcl 2 like protein 14; Apoptosis regulator BCL G; Bcl2 L 14; BCL2 like 14 (apoptosis facilitator); BCL2 like 14; BCL2L14; BCLG; testicular tissue protein Li 26; Bcl2 L14.
Calculated MW	Calculated MW: 37 kDa; Observed MW: 40 kDa
Uniprot ID	Q9BZR8
Gene ID	79370
Background	The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. Overexpression of this gene has been shown to induce apoptosis in cells. Three alternatively spliced transcript variants encoding two distinct isoforms have been reported for this gene. [provided by RefSeq, May 2009]
Cellular Location	Isoform 1: Cytoplasm; cytosol. Note: Diffusely distributed throughout the cytosol. Isoform 2: Endomembrane system. Note: Predominantly localized to cytosolic organelles.



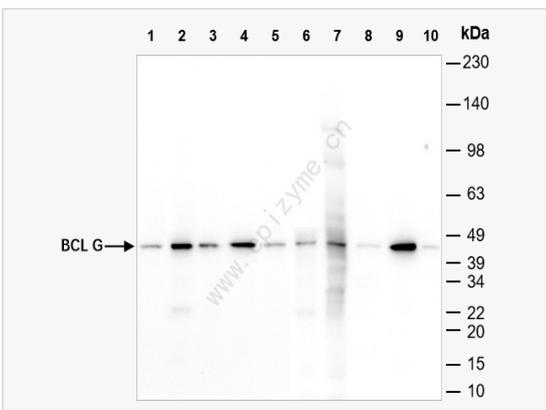
Immunohistochemistry - Anti-Bcl2 L14 Rabbit mAb [60D71C62]
 Sample: Paraformaldehyde-fixed, paraffin embedded rat testis tissue
 Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
 Primary antibody: R015368 at 1:200 dilution
 Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,001 dilution
 DAB was used as the chromogen.
 Counter stained with hematoxylin.
 Positive/negative staining were presented.
 Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-Bcl2 L14 Rabbit mAb [60D71C62]
 Sample: Paraformaldehyde-fixed, paraffin embedded human colonic cancer tissue
 Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
 Primary antibody: R015368 at 1:200 dilution
 Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,001 dilution
 DAB was used as the chromogen.
 Counter stained with hematoxylin.
 Positive/negative staining were presented.
 Only the secondary antibody was used as the negative control.



Immunofluorescence - Anti-Bcl2 L14 Rabbit mAb [60D71C62]
 Sample: HeLa cells
 The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.
 Primary antibodies: R015368 at 1:100 dilution and α -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution
 Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)
 Nuclei were stained with DAPI (shown in blue).



Western Blot - Anti-Bcl2 L14 Rabbit mAb [60D71C62]
 All lanes: R015368 at 1:1,000 dilution
 Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
 Lane 2: Huh1 (Human hepatocarcinoma epithelial cell) whole cell lysates
 Lane 3: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
 Lane 4: T24 (Human bladder cancer epithelial cell) whole cell lysates
 Lane 5: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates
 Lane 6: Mouse brain whole tissue lysates
 Lane 7: Mouse liver whole tissue lysates
 Lane 8: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates
 Lane 9: Rat heart whole tissue lysates
 Lane 10: Rat liver whole tissue lysates
 Lysates/proteins at 10 μ g per lane.
 Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
 Predicted band size: 37 kDa
 Observed band size: 40 kDa
 Developed using the ECL technique (Cat. No. SQ201).