

## Anti-Bcl10 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

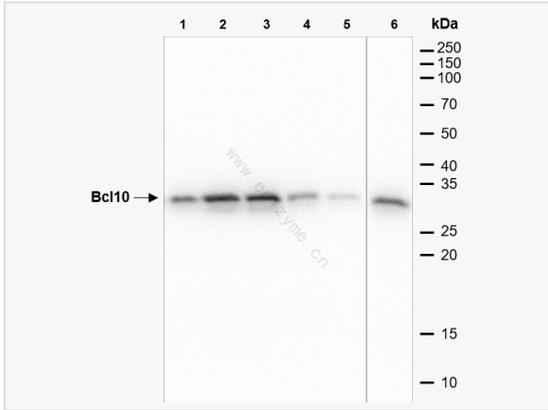
Catalog # R013816

### 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.	27C91F46
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Bcl10
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-Bcl10 Rabbit mAb [27C91F46] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	AI132454, B cell CLL/lymphoma 10, B cell lymphoma/leukemia10, B-cell CLL/lymphoma 10, B-cell leukemia/lymphoma 10, B-cell lymphoma/leukemia 10, Bcl 10, Bcl-10, Bcl10, BCL10_HUMAN, c E10, c-E10, C81403, CARD containing apoptotic signaling protein, CARD containing molecule enhancing NF kappa B, CARD containing molecule enhancing NF kB, CARD containing molecule enhancing NF-kB, CARD containing molecule enhancing NFkB, CARD containing proapoptotic protein, CARD like apoptotic protein, CARD-containing apoptotic signaling protein, CARD-containing molecule enhancing NF-kappa-B, CARD-containing proapoptotic protein, CARD-like apoptotic protein, CARMEN, Caspase recruiting domain containing protein, caspase-recruiting domain-containing protein, cCARMEN, cE 10, cE10, CED 3/ICH 1 prodomain homologous E10 like regulator, CED-3/ICH-1 prodomain homologous E10-like regulator, CED3/ICHI prodomain homologous E10 like regulator, Cellular E10, Cellular homolog of vCARMEN, Cellular-E10, CIPER, CLAP, hCLAP, Mammalian CARD containing adapter molecule E10, Mammalian CARD-containing adapter molecule E10, mE 10, mE10, R-RCD1.
Calculated MW	Calculated MW: 31 kDa; Observed MW: 31 kDa
Uniprot ID	O95999
Gene ID	8915
Background	This gene was identified by its translocation in a case of mucosa-associated lymphoid tissue (MALT) lymphoma. The protein encoded by this gene contains a caspase recruitment domain (CARD), and has been shown to induce apoptosis and to activate NF-kappaB. This protein is reported to interact with other CARD domain containing proteins including CARD9, 10, 11 and 14, which are thought to function as upstream regulators in NF-kappaB signaling. This protein is found to form a complex with MALT1, a protein encoded by another gene known to be translocated in MALT lymphoma. MALT1 and this protein are thought



Western Blot - Anti-Bcl10 Rabbit mAb [27C91F46]

All lanes: R013816 at 1:1,000 dilution

Lane 1: MSC (human mesenchymal stem cell ) whole cell lysates

Lane 2: HCT116 (human colorectal carcinoma epithelial cell) whole cell lysates

Lane 3: T24 (human bladder cancer epithelial cell) whole cell lysates

Lane 4: HepG2 (human hepatocellular carcinoma epithelial cell) whole cell lysates

Lane 5: A431 (human epidermoid carcinoma cell) whole cell lysates

Lane 6: SW620 (human colorectal carcinoma epithelial cell) whole cell lysates

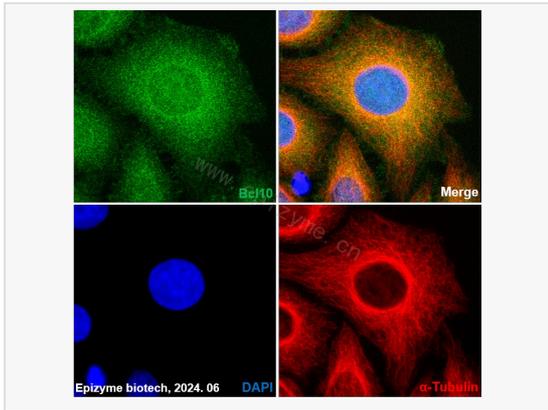
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 31 kDa

Observed band size: 31 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunofluorescence - Anti-Bcl10 Rabbit mAb [27C91F46]

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.

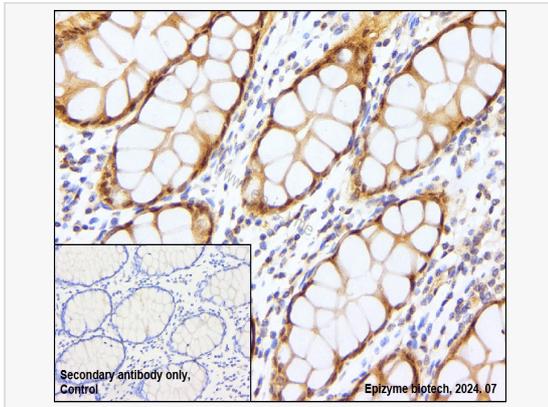
Primary antibodies: R013816 at 1:100 dilution and  $\alpha$ -tubulin Mouse Monoclonal

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).



Immunohistochemistry - Anti-Bcl10 Rabbit mAb [27C91F46]

Sample: Paraformaldehyde-fixed, paraffin embedded human colorectal carcinoma tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013816 at 1:200 dilution

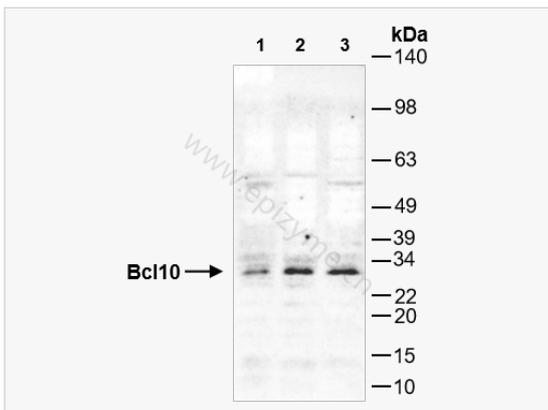
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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.



Western Blot - Anti-Bcl10 Rabbit mAb [27C91F46]

All lanes: R013816 at 1:1,000 dilution

Lane 1: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 2: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

Lane 3: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 31 kDa

Observed band size: 31 kDa

Developed using the ECL technique (Cat. No. SQ201).