

Anti-BCL2 Mouse mAb

Purified Recombinant Mouse Monoclonal Antibody

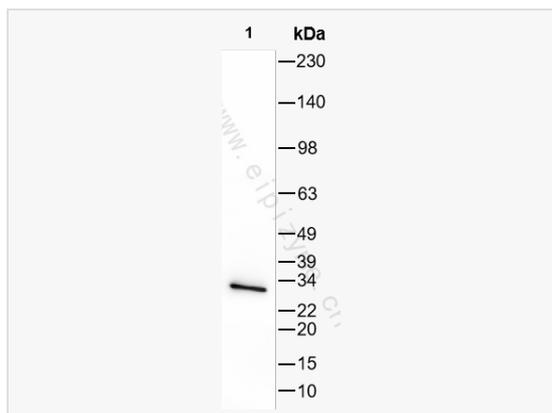
Catalog # M016104

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Mouse
Clonality	Monoclonal
Clone No.	38E14L26
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human BCL2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% 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 Mouse mAb [38E14L26] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Bcl-2; PPP1R50; BCL2_HUMAN; BCL2.
Calculated MW	Calculated MW: 26 kDa; Observed MW: 26 kDa
Uniprot ID	P10415
Gene ID	596
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 variants. [provided by RefSeq, Feb 2016]
Cellular Location	Mitochondrion outer membrane Single-pass membrane protein Nucleus membrane Single-pass membrane protein Endoplasmic reticulum membrane Single-pass membrane protein Cytoplasm
Tissue Location	Expressed in a variety of tissues.



Western Blot - Anti-BCL2 Mouse mAb [38E14L26]

All lanes: M016104 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

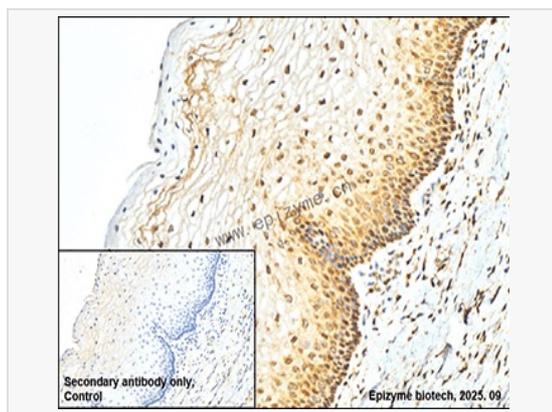
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Mouse IgG(H+L), HRP Conjugated (Cat. No. LF101) at 1:5,000 dilution

Predicted band size: 26 kDa

Observed band size: 26 kDa

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



Immunohistochemistry - Anti-BCL2 Mouse mAb [38E14L26]

Sample: Paraformaldehyde-fixed, paraffin embedded human cervical cancer tissue

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

Primary antibody: M016104 at 1:200 dilution

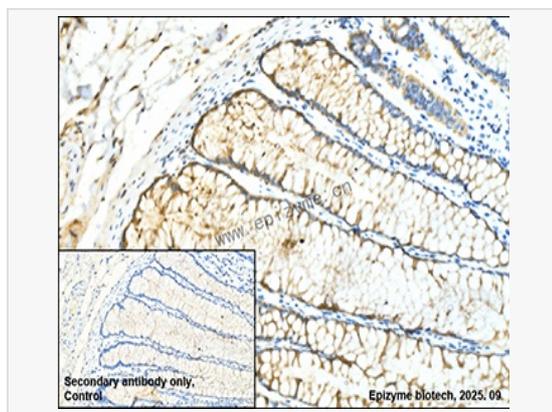
Secondary antibody: Goat Anti-Mouse IgG (H+L), HRP conjugated at 1:1,000 dilution

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.



Immunohistochemistry - Anti-BCL2 Mouse mAb [38E14L26]

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: M016104 at 1:200 dilution

Secondary antibody: Goat Anti-Mouse 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.