

## Anti-Bax Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

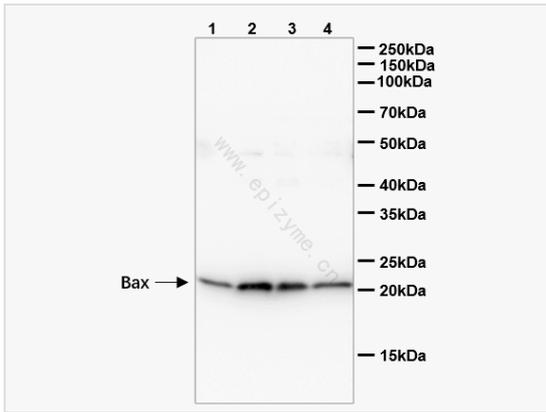
Catalog # R013644

### Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	59M52K38
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Bax
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-Bax Rabbit mAb [59M52K38] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	Apoptosis regulator BAX, BAX, Bcl-2-like protein 4, BCL2-associated X protein, Bcl2-L-4, BCL2L4.
Calculated MW	21 kDa
Uniprot ID	Q07812
Gene ID	581
Background	Bax is a key component for cellular induced apoptosis through mitochondrial stress. Upon apoptotic stimulation, Bax forms oligomers and translocates from the cytosol to the mitochondrial membrane. Through interactions with pore proteins on the mitochondrial membrane, Bax increases the membrane's permeability, which leads to the release of cytochrome c from mitochondria, activation of caspase-9 and initiation of the caspase activation pathway for apoptosis.



Western Blot - Anti-Bax Rabbit mAb [59M52K38]

All lanes: R013644 at 1:1,000 dilution

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

Lane 2: 293T (human embryonic kidney cell) whole cell lysates

Lane 3: MCF7 (human breast adenocarcinoma epithelial cell) whole cell lysates

Lane 4: A549 (human non-small cell lung cancer epithelial cell) whole cell lysates

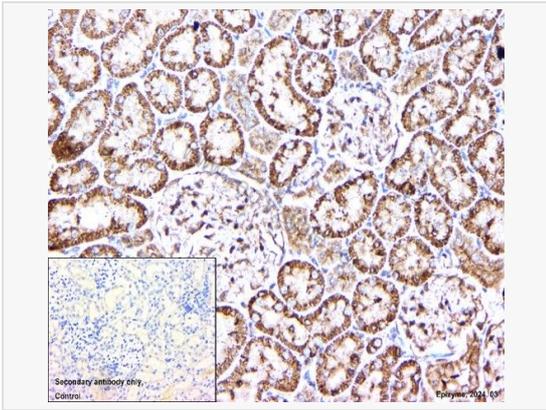
Lysates/proteins at 10 µg per lane.

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

Predicted band size: 21 kDa

Observed band size: 21 kDa

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



Immunohistochemistry - Anti-Bax Rabbit mAb [59M52K38]

Sample: Paraformaldehyde-fixed, paraffin embedded rat kidney tissue

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

Primary antibody: R013644 at 1:200 dilution

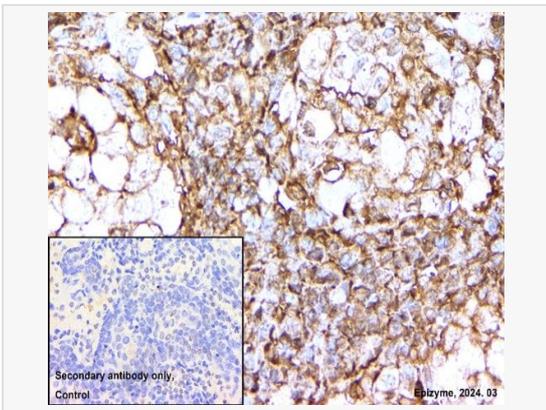
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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.



Immunohistochemistry - Anti-Bax Rabbit mAb [59M52K38]

Sample: Paraformaldehyde-fixed, paraffin human lung cancer tissue

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

Primary antibody: R013644 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.