Anti-PUMA Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014363

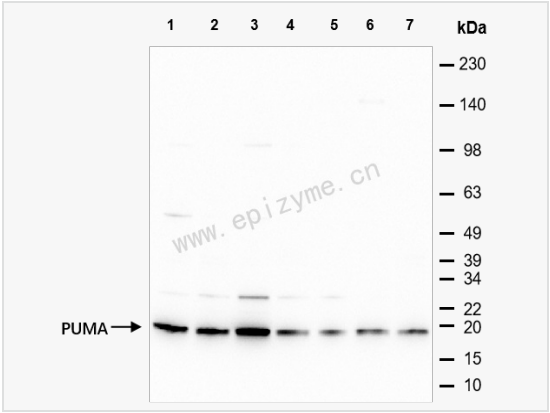
Product Information

Application	ELISA, WB, IHC-P/IF (Tissue-P)
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.	95T02C35
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human PUMA
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-PUMA Rabbit mAb [95T02C35] is for research use only and not for use in diagnostic or therapeutic procedures.

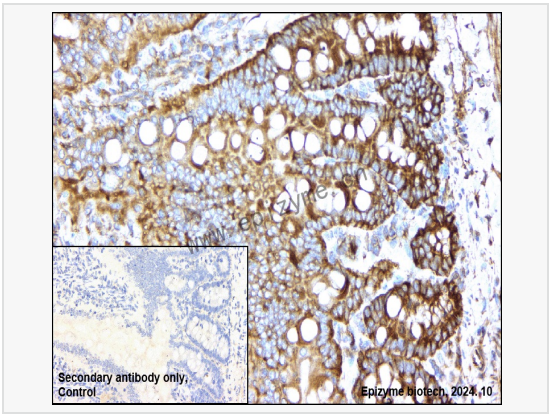
Protein Information

Synonyms	BBC 3, Bbc3, BBC3_HUMAN, BCL 2 binding component 3, Bcl-2-binding component 3, BCL2 binding component 3, JFY 1, JFY-1, JFY1, p53 up regulated modulator of apoptosis, p53 up-regulated modulator of apoptosis, p53 Upregulated Modulator of Apoptosis, PUMA alpha, PUMA/JFY1.
Calculated MW	Calculated MW: 21 kDa; Observed MW: 18 kDa
Uniprot ID	Q9BXH1
Gene ID	27113
Background	Essential mediator of p53/TP53-dependent and p53/TP53-independent apoptosis. Functions by promoting partial unfolding of BCL2L1 and dissociation of BCL2L1 from p53/TP53. Regulates ER stress-induced neuronal apoptosis.
Cellular Location	Mitochondrion. Localized to the mitochondria in order to induce cytochrome c release.
Tissue Location	Ubiquitously expressed.

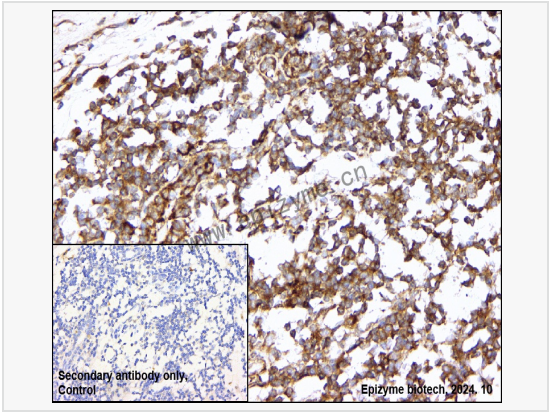
Validation Images



Western Blot - Anti-PUMA Rabbit mAb [95T02C35]
All lanes: R014363 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates
Lane 5: T24 (Human bladder cancer epithelial cell) whole cell lysates
Lane 6: Rat heart whole tissue lysates
Lane 7: Rat muscle whole tissue 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: 18 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-PUMA Rabbit mAb [95T02C35]
Sample: Paraformaldehyde-fixed, paraffin embedded rat colon tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R014363 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-PUMA Rabbit mAb [95T02C35]
Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R014363 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.