

Anti-Phospho-JNK1/2/3 (Tyr185/Tyr185/Tyr223) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

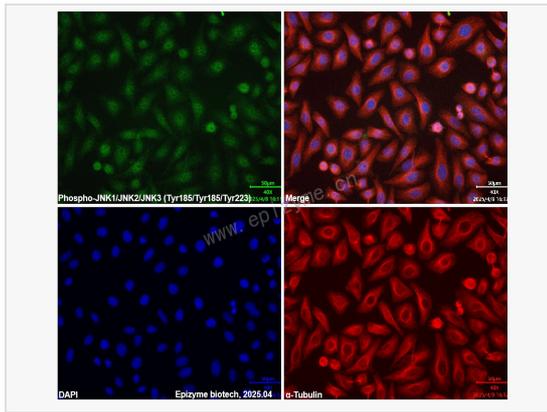
Catalog # R015060

Product Information

Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:3,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	97D11J71
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Tyr185/Tyr185/Tyr223 of human JNK1+JNK2+JNK3
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-Phospho-JNK1/2/3 (Tyr185/Tyr185/Tyr223) Rabbit mAb [97D11J71] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	C Jun kinase 2, c Jun N terminal kinase 1, c Jun N terminal kinase 2, c Jun N terminal kinase 3, c-Jun N-terminal kinase 1, JNK 46, JNK 55, JNK, JNK-46, JNK1, JNK1+2+3, JNK1/2/3, JNK1A2, JNK2, JNK21B1/2, JNK2A, JNK2ALPHA, JNK2B, JNK2BETA, JNK3 alpha protein kinase, JNK3, JNK3A, Jun kinase, JUN N terminal kinase, MAP kinase 10, MAP kinase 8, MAP kinase 9, MAP kinase p49 3F12, MAPK 10, MAPK 8, MAPK 9, MAPK10, mapk8, MAPK9, Mitogen activated protein kinase 10, Mitogen activated protein kinase 8, Mitogen activated protein kinase 8 isoform JNK1 alpha1, Mitogen activated protein kinase 8 isoform JNK1 beta2, Mitogen activated protein kinase 9, Mitogen-activated protein kinase 8, MK08_HUMAN, p493F12, p54a, p54aSAPK, p54bSAPK, PRKM10, PRKM8, PRKM9, SAPK, SAPK(beta), SAPK1, SAPK1a, SAPK1b, SAPK1c, Stress activated protein kinase 1, Stress activated protein kinase 1a, Stress activated protein kinase 1b, Stress activated protein kinase 1c, Stress activated protein kinase beta, Stress activated protein kinase JNK1, Stress activated protein kinase JNK2, Stress activated protein kinase JNK3, Stress-activated protein kinase 1, Stress-activated protein kinase 1c, Stress-activated protein kinase JNK1.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 46 kDa
Uniprot ID	P45983
Gene ID	5599
Background	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is activated by various cell stimuli, and targets specific transcription factors, and thus



Immunofluorescence - Anti-Phospho-JNK1/2/3 (Tyr185/Tyr185/Tyr223) Rabbit mAb [97D11J71]

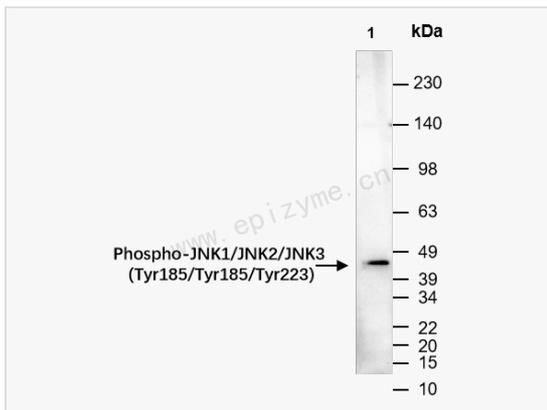
Sample: HeLa cells

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: R015060 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-Phospho-JNK1/2/3 (Tyr185/Tyr185/Tyr223) Rabbit mAb [97D11J71]

All lanes: R015060 at 1:3,000 dilution

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

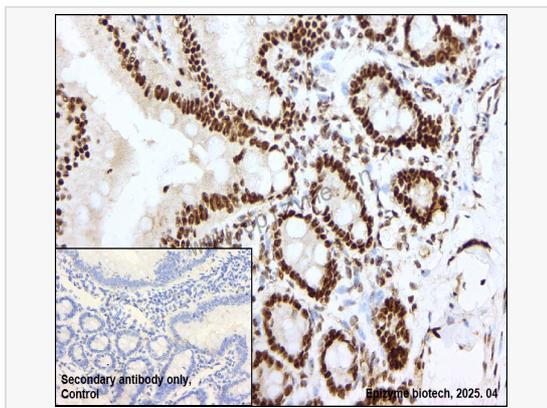
Lysates/proteins at 10 μ g per lane.

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

Predicted band size: 48 kDa

Observed band size: 46 kDa

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



Immunohistochemistry - Anti-Phospho-JNK1/2/3 (Tyr185/Tyr185/Tyr223) Rabbit mAb [97D11J71]

Sample: Paraformaldehyde-fixed, paraffin embedded rat duodenum tissue

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

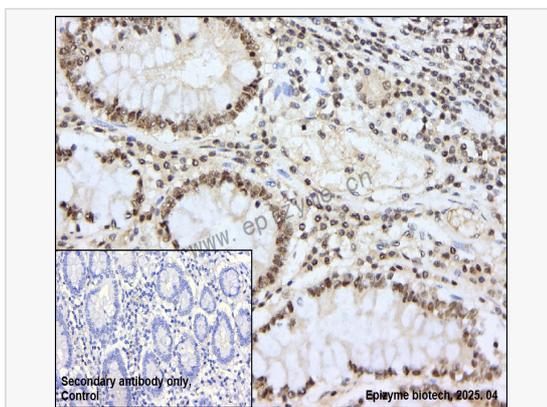
Primary antibody: R015060 at 1:200 dilution

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-Phospho-JNK1/2/3 (Tyr185/Tyr185/Tyr223) Rabbit mAb [97D11J71]

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

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

Primary antibody: R015060 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.