Anti-Phospho-RSK1 p90 (Thr359/Ser363) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R010072

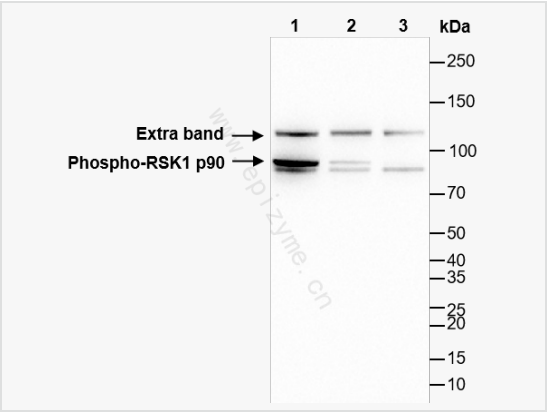
Product Information

Application	IHC-P/IF (Tissue-P), WB, ELISA
Reactivity	Rat, Human, Mouse
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.	18M71M80
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from Human RSK1 p90 (phospho T359 + S363)
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-RSK1 p90 (Thr359/Ser363) Rabbit mAb [18M71M80] is for research use only and not for use in diagnostic or therapeutic procedures.

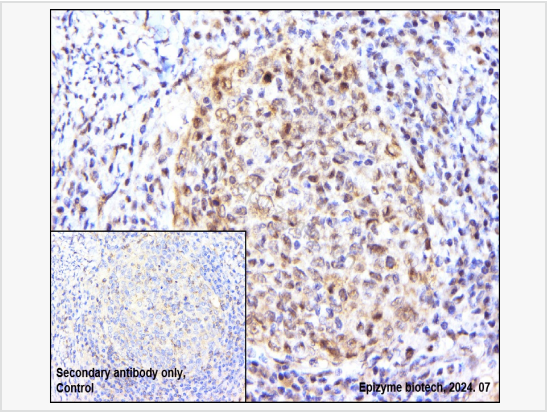
Protein Information

Synonyms	90 kDa ribosomal protein S6 kinase 1, dJ590P13.1 (ribosomal protein S6 kinase, 90kD, polypeptide 1, dJ590P13.1, EC 2.7.11.1, HU 1, HU1, KS6A1_HUMAN, MAP kinase activated protein kinase 1a, MAP kinase-activated protein kinase 1a, MAPK-activated protein kinase 1a, MAPKAP kinase 1a, MAPKAPK-1a, MAPKAPK1A, MGC79981, Mitogen-activated protein kinase-activated protein kinase 1A, OTTHUMP00000004113, p90 RSK1, p90-RSK 1, p90rsk, p90RSK1, p90S6K, pp90RSK1, Ribosomal protein S6 kinase 90kD 1, Ribosomal protein S6 kinase 90kD polypeptide 1, Ribosomal protein S6 kinase 90kDa polypeptide 1, Ribosomal protein S6 kinase alpha 1, Ribosomal protein S6 kinase alpha-1, Ribosomal protein S6 kinase polypeptide 1, Ribosomal S6 kinase 1, RPS6K1 alpha, rps6ka, Rps6ka1, RSK 1, RSK 1 p90, RSK, RSK-1, RSK1, RSK1p90, S6K alpha 1, S6K-alpha-1.
Calculated MW	Calculated MW: 83 kDa; Observed MW: 90 kDa
Uniprot ID	Q15418
Gene ID	6195
Background	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]

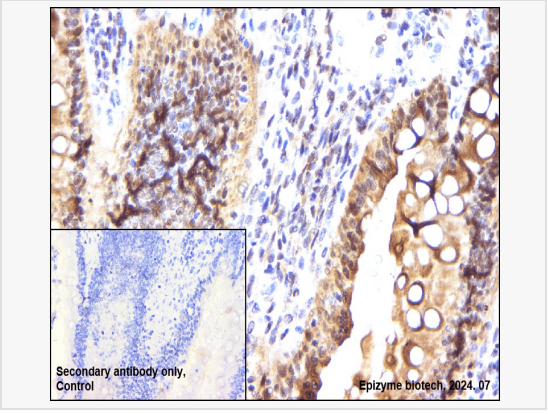
Validation Images



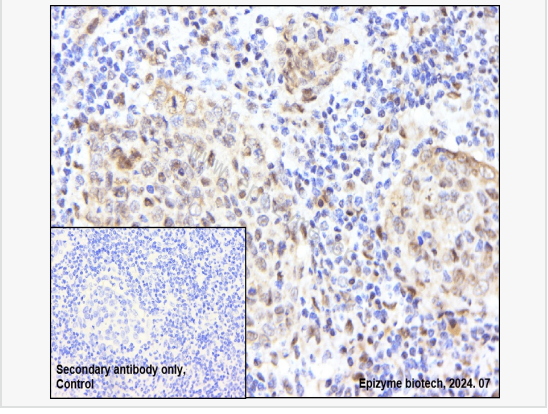
Western Blot - Anti-Phospho-RSK1 p90 (Thr359/Ser363) Rabbit mAb [18M71M80]
All lanes: R010072 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
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: 83 kDa
Observed band size: 90 kDa
Developed using the ECL technique (Cat. No. SQ201).



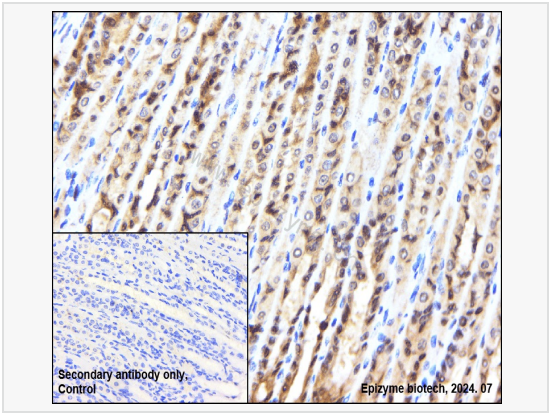
Immunohistochemistry - Anti-Phospho-RSK1 p90 (Thr359/Ser363) Rabbit mAb [18M71M80]
Sample: Paraformaldehyde-fixed, paraffin embedded human cervical cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R010072 at 1:200 dilution
Secondary antibody: 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.



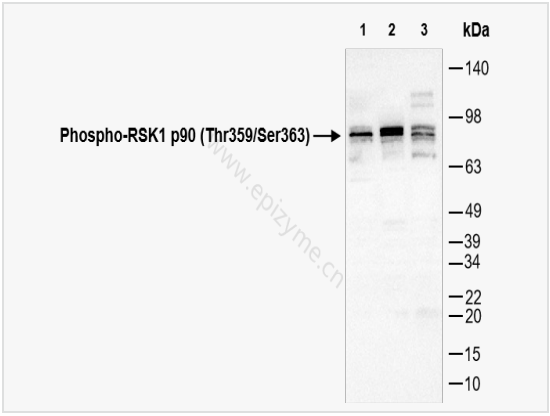
Immunohistochemistry - Anti-Phospho-RSK1 p90 (Thr359/Ser363) Rabbit mAb [18M71M80]
Sample: Paraformaldehyde-fixed, paraffin embedded rat colon tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R010072 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit 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-RSK1 p90 (Thr359/Ser363) Rabbit mAb [18M71M80]
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: R010072 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-RSK1 p90 (Thr359/Ser363) Rabbit mAb [18M71M80]
Sample: Paraformaldehyde-fixed, paraffin embedded mouse stomach tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R010072 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-Phospho-RSK1 p90 (Thr359/Ser363) Rabbit mAb [18M71M80]
All lanes: R010072 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: 83 kDa
Observed band size: 90 kDa
Developed using the ECL technique (Cat. No. SQ201).