

Anti-Phospho-RSK1 p90 (Thr573) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

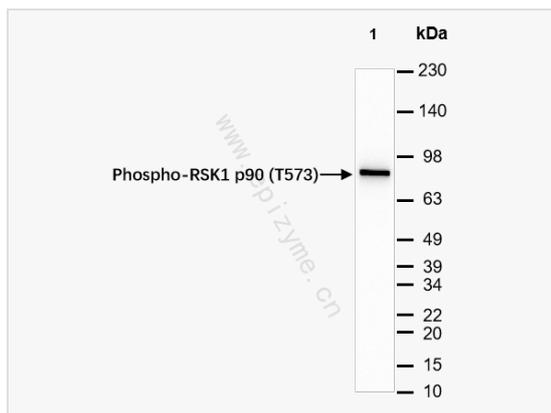
Catalog # R014324

Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Rat
Dilution	WB 1:1,000~1:2,000; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	61S50L72
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Phospho-RSK1 p90 (T573)
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 (Thr573) Rabbit mAb [61S50L72] 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: 90 kDa; Observed MW: 83 kDa
Uniprot ID	Q15418
Gene ID	6195
Background	Serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB.



Western Blot - Anti-Phospho-RSK1 p90 (Thr573) Rabbit mAb [61S50L72]

All lanes: R014324 at 1:1,000 dilution

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

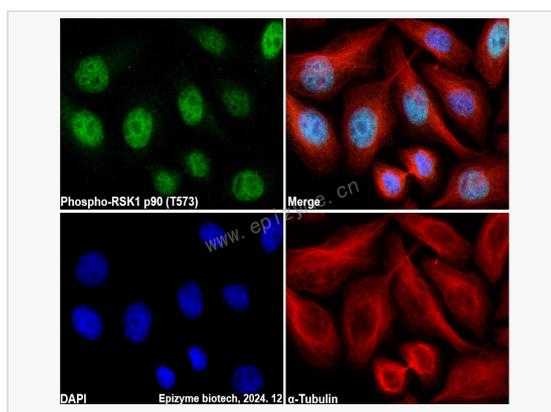
Lysates/proteins at 10 μ g per lane.

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

Predicted band size: 90 kDa

Observed band size: 83 kDa

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



Immunofluorescence - Anti-Phospho-RSK1 p90 (Thr573) Rabbit mAb [61S50L72]

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: R014324 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).