

Anti-Phospho-Tuberin (Ser939) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

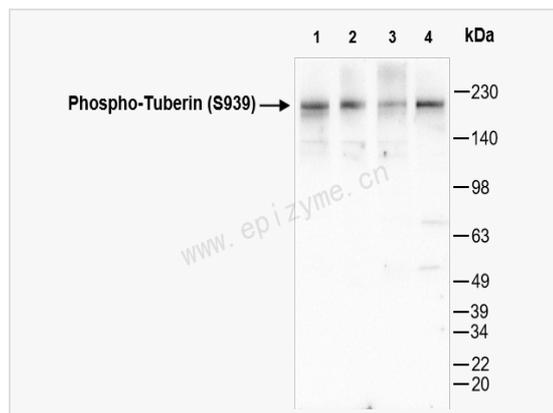
Catalog # R015263

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	19N18E94
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Phospho-Tuberin (S939)
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-Tuberin (Ser939) Rabbit mAb [19N18E94] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	FLJ43106; LAM; OTTHUMP00000158940; OTTHUMP00000198394; OTTHUMP00000198395; PPP1R160; Protein phosphatase 1, regulatory subunit 160; TSC complex subunit 2; tsc2; TSC2_HUMAN; TSC4; TSC4 gene, formerly; TSC4, formerly; Tuberin; Tuberous sclerosis 2; Tuberous sclerosis 2 protein; Tuberous sclerosis 2 protein homolog.
Calculated MW	Calculated MW: 201 kDa; Observed MW: 201 kDa
Uniprot ID	P49815
Gene ID	7249
Background	Mutations in this gene lead to tuberous sclerosis complex. Its gene product is believed to be a tumor suppressor and is able to stimulate specific GTPases. The protein associates with hamartin in a cytosolic complex, possibly acting as a chaperone for hamartin. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Cellular Location	Cytoplasm. Membrane. At steady state found in association with membranes.
Tissue Location	Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta.



Western Blot - Anti-Phospho-Tuberin (Ser939) Rabbit mAb [19N18E94]

All lanes: R015263 at 1:1,000 dilution

Lane 1: Jurkat (Human T lymphocytic leukemia cell) whole cell lysates

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

Lane 3: SCC-9 (Human tongue squamous carcinoma epithelial cell) whole cell lysates

Lane 4: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

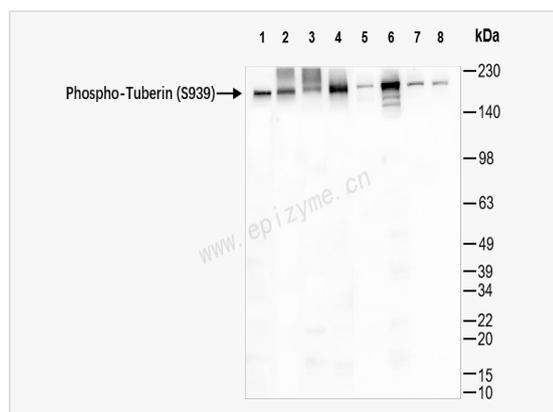
Lysates/proteins at 10 µg per lane.

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

Predicted band size: 201 kDa

Observed band size: 201 kDa

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



Western Blot - Anti-Phospho-Tuberin (Ser939) Rabbit mAb [19N18E94]

All lanes: R015263 at 1:1,000 dilution

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

Lane 2: K562 (Human chronic myeloid leukemia cell) whole cell lysates

Lane 3: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates

Lane 4: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

Lane 5: Mouse brain whole tissue lysates

Lane 6: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

Lane 7: Rat muscle whole tissue lysates

Lane 8: Rat brain 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: 201 kDa

Observed band size: 201 kDa

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