

bsm-63299R

[Primary Antibody]

phospho-Tuberin (S939) Recombinant Rabbit mAb

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— DATASHEET —

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: 5D7

GeneID: 7249

SWISS: P49815

Target: Tuberin (S939)

Immunogen: A synthesized peptide derived from human Tuberin around the phosphorylation site of S939: RST-pS-LNER.

Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: Catalytic component of the TSC-TBC complex, a multiprotein complex that acts as a negative regulator of the canonical mTORC1 complex, an evolutionarily conserved central nutrient sensor that stimulates anabolic reactions and macromolecule biosynthesis to promote cellular biomass generation and growth. Within the TSC-TBC complex, TSC2 acts as a GTPase-activating protein (GAP) for the small GTPase RHEB, a direct activator of the protein kinase activity of mTORC1.

Applications: WB (1:1000-2000)

Reactivity: Human, Mouse

Predicted MW.: 201 kDa

Subcellular Location: Cell membrane ,Cytoplasm