

Anti-Phospho-mTOR-S2448 antibody [S4MR] (STJ11102554)

ST.111102554

GENERAL INFORMATION

Product Type Primary antibodies

Short Description

Applications WB/ELISA Host/Source Rabbit

Reactivity Human/Mouse/Rat

PRODUCT PROPERTIES

Clonality Monoclonal
Clone ID S4MR

Concentration Lot specific
Conjugation Unconjugated
Purification Affinity purification
Dilution Range WB:1:500-1:1000

ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay

requirements.

Formulation PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.

Isotype IgG

Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

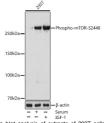
Gene ID 2475
Gene Symbol MTOR
Uniprot ID MTOR_HUMAN
Immunogen TDSYS

Immunogen Region

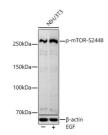
Specificity A synthetic phosphorylated peptide around S2448 of human mTOR (P42345).

Immunogen TDSYS

Sequence



Western blot analysis of extracts of 293T cells, usin Phospho-mTDR-S2448 rabbit monoclonal antiboc (STJ11102554) at 1:1000 dilution. 293T cells we treated by 10% FBS at 37 A*C for 30 minutes aft serum-starvation overnight or treated by IGF-1 (5 org/mL) at 37 A*C for 5 minutes aftre serum-starvatio overnight. Secondary antibody: HRP Goat Anti-rabid [GG (H+L) (STJ5000856) at 1:10000 dilutio Lysates/proteins: 25 Mug per lane. Bioxing buffer 37 for-1at dry milk in TBST: Detection: ECL Basic Ki for-1at dry milk in TBST: Detection: ECL Basic Ki



Western blot analysis of extracts of NIH/3T3 cells, using Phospho-mToR-\$2448 antibody (STJI1102554) a 1:1000 dilution. NIH/3T3 cells were treated by EGF (100 ng/m) at 37 A*7 C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-rabbi (9G (H-tL) (STJS006856) at 1:10000 dilution Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic kit