Anti-mTOR (phospho Ser2448) Antibody [ARC0094] (A308866)

Specifications:

Name:	Anti-mTOR (phospho Ser2448) Antibody [ARC0094]
Description:	Rabbit monoclonal [ARC0094] antibody to mTOR (phospho Ser2448).
Applications:	WB
Recommended Dilutions:	WB: 1:500-1:1,000
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic phosphorylated peptide around S2448 of human mTOR (P42345).
Sequence:	TDSYS
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	ARC0094
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	289 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol, 0.05% BSA, and 0.02% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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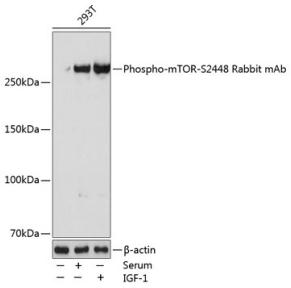
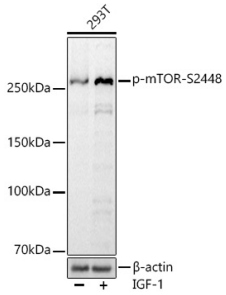
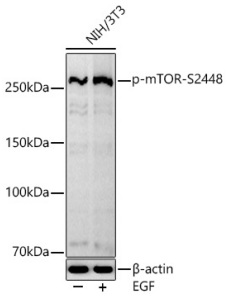
Images:



Western blot analysis of extracts of 293T cells, using Anti-mTOR (phospho Ser2448) Antibody [ARC0094] (A308866) at 1:1,000 dilution. 293T cells were treated by 10% FBS at 37°C for 30 minutes after serum-starvation overnight or treated by IGF-1 (50 ng/ml) at 37°C for 5 minutes after serum-starvation overnight. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of 293T cells, using Anti-mTOR (phospho Ser2448) Antibody [ARC0094] (A308866) at 1:1,000 dilution. 293T cells were treated by IGF-1 (50 ng/ml) at 37°C for 5 minutes after serum-starvation overnight. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 30s.



Western blot analysis of extracts of NIH/3T3 cells, using Anti-mTOR (phospho Ser2448) Antibody [ARC0094] (A308866) at 1:1,000 dilution. NIH/3T3 cells were treated by EGF (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 90s.