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Recombinant Phospho-mTOR (Ser2481) Monoclonal Antibody

catalog number: AN301135L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen A synthetic peptide corresponding to residues around (Ser2481) of Human

Phospho-mTOR

Host Rabbit Isotype IgG,ĸ Clone B890 **Purification** Protein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

1:2000-1:10000 **WB**

Data

kDa 180 -130 - 100 -70 — 55 — 40 — 35 -25 — 15 —

Western Blot with Recombinant Phospho-mTOR (Ser2481) Monoclonal Antibody at dilution of 1:1000 dilution. Lane A:

HEK293.

Observed-MW:289 kDa Calculated-MW:289 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

The protein encoded by this gene belongs to a family of phosphatidylinositol kinase-related kinases. These kinases mediate cellular responses to stresses such as DNA damage and nutrient deprivation. This protein acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex. The ANGPTL7 gene is located in an intron of this gene.

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