Recombinant Phospho-mTOR (Ser2448) Monoclonal Antibody

catalog number: **AN300852L**

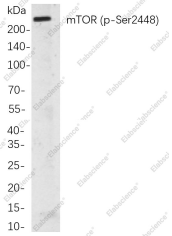
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide corresponding to residues around (Ser2448) of Human Phospho-mTOR
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110476
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000-1:10000
IHC	1:500-1:2000
IF	1:200-1:1000
ELISA	1:5000-1:20000

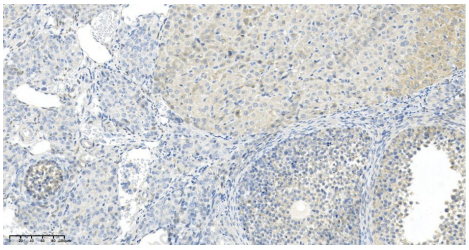
Data



Western Blot with Recombinant Phospho-mTOR (Ser2448) Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Hela cells.

Observed-MW:250 kDa

Calculated-MW:289 kDa



Immunohistochemistry of paraffin-embedded mouse ovary using Recombinant Phospho-mTOR (Ser2448) Monoclonal Antibody at dilution of 1:200.

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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