

## Product Datasheet

### mTOR (phospho-S2448) antibody (orb345415)

**Description**

mTOR (phospho-S2448) antibody


**Species/Host**

Rabbit

**Reactivity**

Human

**Conjugation**

Unconjugated

**Tested**

ELISA, IHC, WB

**Applications**
**Immunogen**

Anti-mTOR pS2448 antibody was prepared from whole rabbit serum produced by repeated immunizations with a phosphorylated synthetic peptide corresponding a c-terminal region near Serine 2448 of human mTOR.

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

1.1mg/mL

**Storage**

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Note**

For research use only

**Application notes**

This affinity purified antibody has been tested for use in immunohistochemistry, ELISA and western blotting. Western blotting shows reactivity specific for phospho mTOR detecting a band at approximately 250 kDa. Reactivity in other immunoassays is unknown.

**Isotype**

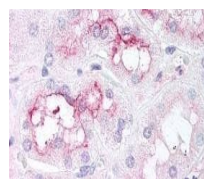
IgG

**Clonality**

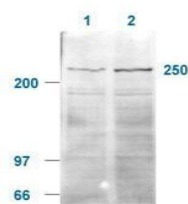
Polyclonal

**Purity**

This is an affinity purified antibody produced by immunoaffinity chromatography using the immunizing peptide after immobilization to a solid phase. Reactivity occurs with phosphorylated mTOR from human derived tissues and cells. Reactivity against mTOR from other species has not been determined, however, reactivity with mouse and rat is suggested based on protein sequence homologies.



Immunohistochemical staining of human, m...



Western blot analysis of 293T whole cell...

**Uniprot ID**

P42345

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**Expiration Date**

12 months from date of receipt.