

**mTOR Antibody**  
**Rabbit Anti-Human MTOR Polyclonal**  
**Catalog # ASM10647****Specification**

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**mTOR Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P42345</a>
Other Accession	<a href="#">NP_004949.1</a>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Format	<b>MTOR</b>
<b>Target/Specificity</b>	
MTOR	

**Other Names**

Rapamycin target protein 1 Antibody, FKBP rapamycin associated protein Antibody, Serine/threonine-protein kinase mTOR Antibody, Rapamycin associated protein FRAP2 Antibody, FLJ44809 Antibody, Mechanistic target of rapamycin Antibody, FRAP1 Antibody, RAFT1 Antibody, FK506 binding protein 12 rapamycin associated protein 1 Antibody, MTOR\_HUMAN Antibody, dj576K7.1 (FK506 binding protein 12 rapamycin associated protein 1) Antibody, FKBP12-rapamycin complex-associated protein Antibody, OTTHUMP0000001983 Antibody, EC:2.7.11.1 Antibody, FKBP12 rapamycin complex associated protein Antibody, FKBP12-rapamycin complex-associated protein 1 Antibody, Rapamycin and FKBP12 target 1 Antibody, MTOR Antibody, FK506 binding protein 12 rapamycin associated protein 2 Antibody, FK506-binding protein 12-rapamycin complex-associated protein 1 Antibody, RAPT1 Antibody, FK506 binding protein 12 rapamycin complex associated protein 1 Antibody, mTOR Antibody, FRAP2 Antibody, Mammalian target of rapamycin Antibody, FRAP Antibody, Rapamycin target protein Antibody

**Immunogen**

Synthetic peptide from the mid-protein of Human Serine/threonine-protein kinase mTOR (aa. 740-840)

**Purification**

Peptide Affinity Purified

Storage **-20°C**

**Storage Buffer**

PBS pH 7.4, 50% glycerol, 0.09% sodium azide \*Storage buffer may change when conjugated

Shipping Temperature **Blue Ice or 4°C**

**Certificate of Analysis**

A 1:1000 dilution of SPC-798 was sufficient for detection of MTOR in 10 µg of human HeLa cell lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

**Cellular Localization**

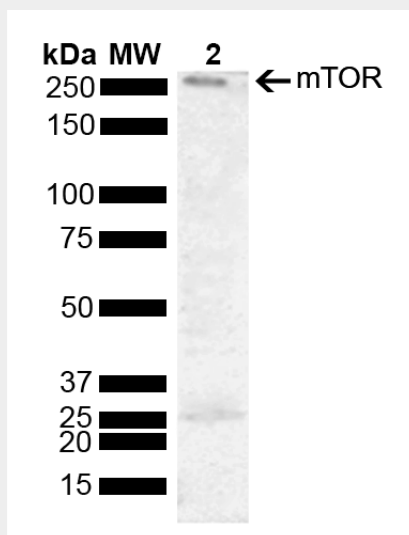
Endoplasmic Reticulum Membrane | Peripheral Membrane Protein | Cytoplasmic Side | Golgi Apparatus Membrane | Peripheral Membrane Protein | Cytoplasmic Side | Mitochondrion Outer Membrane | Peripheral Membrane Protein | Cytoplasmic Side | Lysosome | Cytoplasm | Nucleus | Pml Body | Microsome Membrane

## mTOR Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## mTOR Antibody - Images



Western blot analysis of Human HeLa showing detection of 288.9 kDa MTOR protein using Rabbit Anti-MTOR Polyclonal Antibody (SPC-798). Load: 10  $\mu$ g. Block: 5% Skim Milk powder in TBST. Primary Antibody: Rabbit Anti-MTOR Polyclonal Antibody (SPC-798) at 1:1000 for 2 hours at RT with shaking. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:5000 for 1 hour at RT. Color Development: ECL solution for 5 min at RT. Predicted/Observed Size: 288.9 kDa. Other Band(s): 25 kDa.