

**Manufacturer/Supplier:**

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**Product name:** Rabbit anti-mTOR Antibody

**Catalog:** DL90443A

**Synonyms:** FRAP; FRAP1; FRAP2; RAFT1; RAPT1;  
Serine/threonine-protein kinase mTOR;  
FK506-binding protein 12-rapamycin  
complex-associated protein 1; FKBP12-rapamycin  
complex-associated protein; Mammalian target of  
rapamycin; mTOR; Mechanistic target of  
rapamycin; Rap

**Immunogen:** KLH-conjugated synthetic peptide encompassing a  
sequence within the C-term region of human  
mTOR. The exact sequence is proprietary.

**Form:** Liquid

**Concentration:** 1mg/mL

**Size:** 100 ul/50 ul

**Host:** Rabbit

**Reactivity:**  
Human, Mouse, Rat, Sheep

**Application:** WB, IF/IC

**Clonality:** Polyclonal

**Dilution:** WB (1/500 - 1/1000),  
IF/IC (1/100 - 1/500)

**Entrez Gene:** 2475/56717/56718

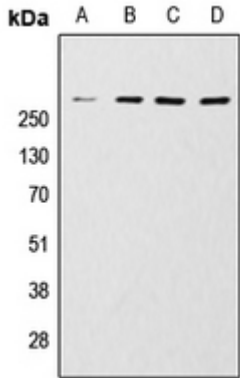
**SwissProt:** P42345/Q9JLN9/P42346

**Purification:** The antibody was purified by immunogen affinity chromatography.

**Buffer:** Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

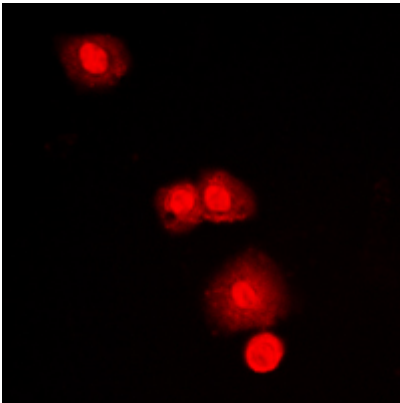
**WB description:**

Western blot analysis of mTOR expression in HeLa (A), MCF7 (B), Jurkat (C), A431 (D) whole cell lysates.



### IF/ICC description:

Immunofluorescent analysis of mTOR staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody i



### Storage:



Store at -20°C. Avoid repeated freeze / thaw cycles.