



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB11384 - Goat Anti-MTOR / FRAP2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FK506 binding protein 12-rapamycin associated protein 1, FK506 binding protein 12-rapamycin associated protein 2, FK506-binding protein 12-rapamycin complex-associated protein 1, FKBP12-rapamycin complex-associated protein 1, FKBP-rapamycin associated protein, FLJ44809, FRAP, FRAP1, FRAP2, mammalian target of rapamycin, mechanistic target of rapamycin (serine/threonine kinase), RAFT1, rapamycin and FKBP12 target 1, rapamycin associated protein FRAP2, rapamycin target protein 1, RAPT1, serine/threonine-protein kinase mTOR, MTOR

**Official Symbol:** MTOR

**Accession Number(s):** NP\_004949.1

**Human GeneID(s):** [2475](#)

**Non-Human GeneID(s):** 56717 (mouse), 56718 (rat)

### Immunogen

Peptide with sequence C-RDKLTGRDFSHDDT, from the C Terminus of the protein sequence according to NP\_004949.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

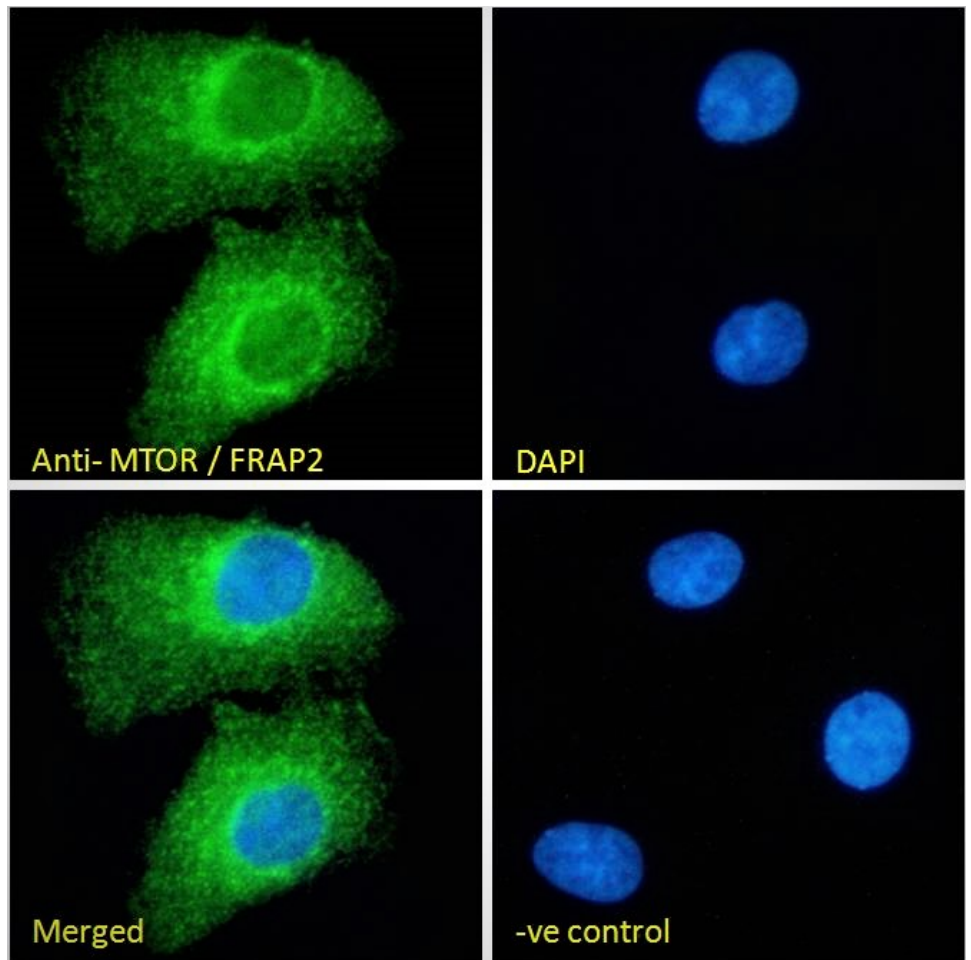
**Peptide ELISA:** antibody detection limit dilution 1:4000.

**Immunofluorescence:** Strong expression of the protein seen in the ER and vesicles/cytoplasm of HEK293 cells. Recommended concentration: 10µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig



EB11384 Immunofluorescence analysis of paraformaldehyde fixe HEK293 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing endoplasmic reticulum and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).