



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

Fax: +44 (0)1869 238327

## US Office

### Everest Biotech c/o Abcore

405 Maple Street, Suite A106  
Ramona,  
CA 92065  
USA

Inquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[usasales@everestbiotech.com](mailto:usasales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

[www.everestbiotech.com](http://www.everestbiotech.com)

**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

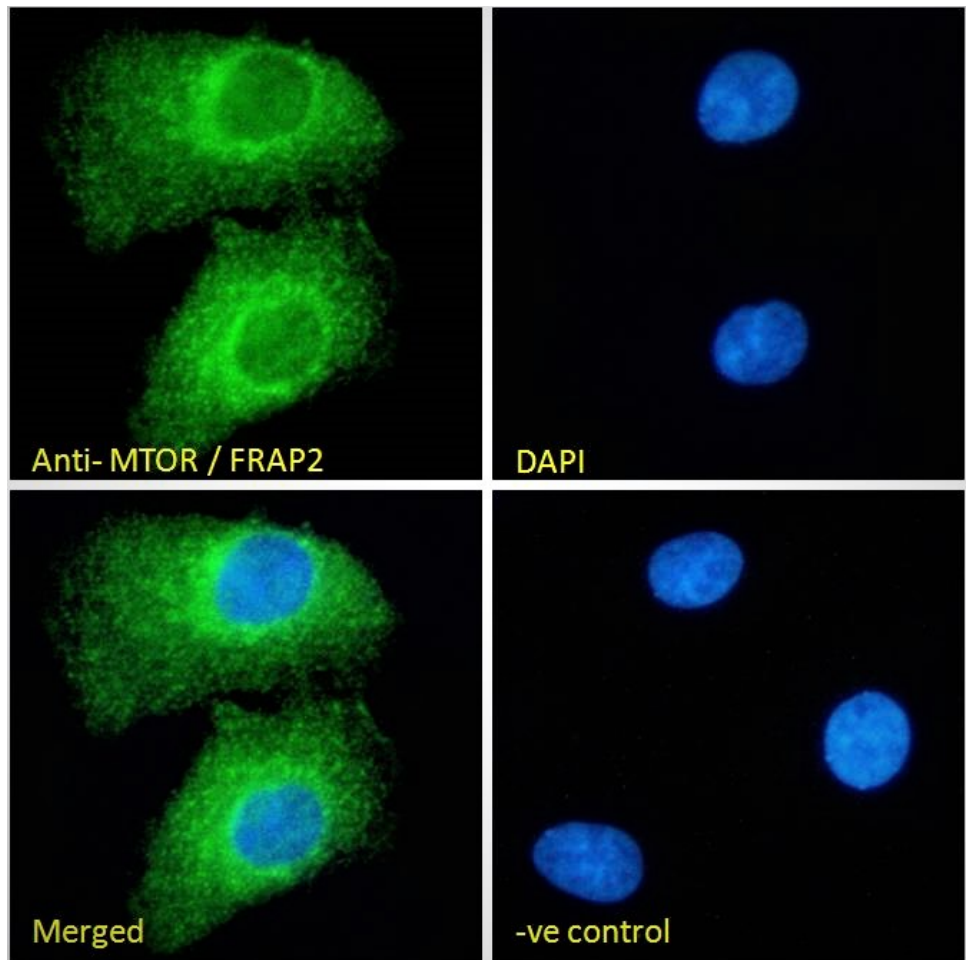
**Peptide ELISA:** antibody detection limit dilution 1:4000.

**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).