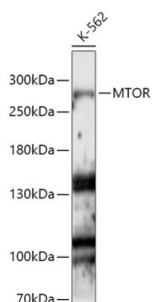
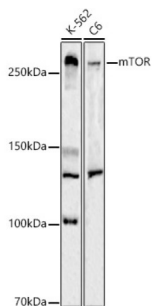


Serine/Threonine-Protein Kinase MTOR (MTOR) Antibody

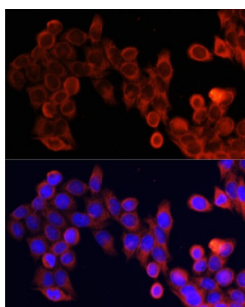
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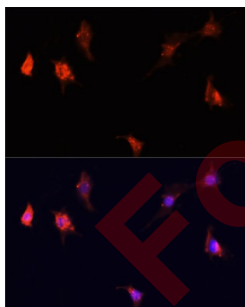
Western blot analysis of lysates from K-562 cells using mTOR Antibody at 1/2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 60s.



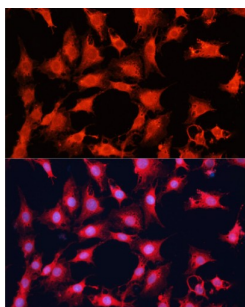
Western blot analysis of lysates from wild type (WT) and mTOR knockdown (KD) HeLa cells using mTOR Antibody at 1/2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 14 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 60s.



Immunofluorescence analysis of HeLa cells using mTOR Antibody at dilution of 1/100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.



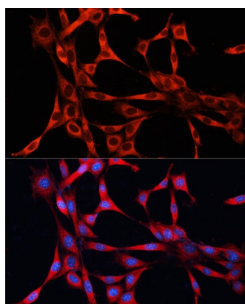
Immunofluorescence analysis of PC12 cells using mTOR Antibody at dilution of 1/100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.



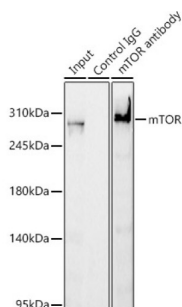
Immunofluorescence analysis of C6 cells using mTOR Antibody at dilution of 1/100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

Datasheet

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Immunofluorescence analysis of NIH/3T3 cells using mTOR Antibody at dilution of 1/100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300 µg extracts of K-562 cells using 3 µg mTOR Antibody (A2445 1/70). Western blot was performed from the immunoprecipitate using mTOR Antibody at a dilution of 1/500.

MTOR Antibody is a Rabbit Polyclonal Antibody against MTOR.

Target:	Serine/Threonine-Protein Kinase MTOR (MTOR)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IF/ICC, IP
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/1000 - 1/5000, IF/ICC: 1/50 - 1/200, IP: 0.5 µg - 4 µg antibody per 200 µg - 400 µg extracts of whole cells. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human mTOR.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

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UniProt Primary AC: P42345 ([UniProt](#), [ExPASy](#))

Gene Symbol: MTOR

GeneID: [2475](#)

NCBI Accession: NP_004949.1

KEGG: hsa:2475

String: [9606.ENSP00000354558](#)

Molecular Weight: Calculated MW: 289 kDa
Observed MW: 289 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only