

## mTOR antibody [GT649]

Cat. No. GTX630198

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse

References ( 3 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 289 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human mTOR. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

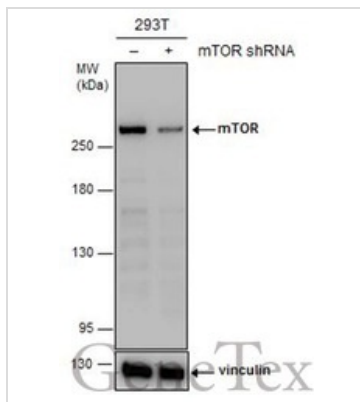
## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

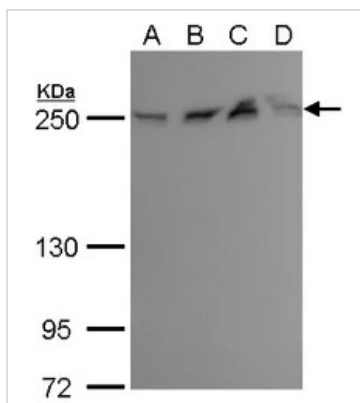
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**DATA IMAGES**

**GTX630198 WB Image**

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with mTOR antibody [GT649] (GTX630198) diluted at 1:500.

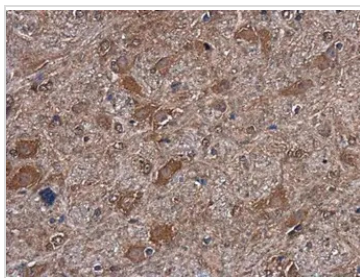

**GTX630198 WB Image**

mTOR antibody [GT649] detects mTOR protein by western blot analysis.

- A. 30 µg 293T whole cell lysate/extract
- B. 30 µg A431 whole cell lysate/extract
- C. 30 µg HeLa whole cell lysate/extract
- D. 30 µg HepG2 whole cell lysate/extract

5 % SDS-PAGE

mTOR antibody [GT649] (GTX630198) dilution: 1:1000

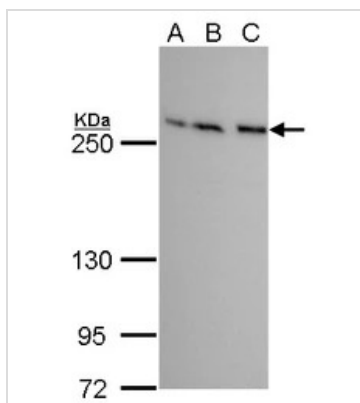

**GTX630198 IHC-P Image**

mTOR antibody [GT649] detects mTOR protein at cytoplasm in mouse brain by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brain.

mTOR antibody [GT649] (GTX630198) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX630198 WB Image**

mTOR antibody [GT649] detects mTOR protein by western blot analysis.

- A Jurkat
- B Raji whole cell lysate/extract
- C NCI-H929 whole cell lysate/extract

5 % SDS-PAGE

mTOR antibody [GT649] (GTX630198) dilution: 1:1000



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