

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

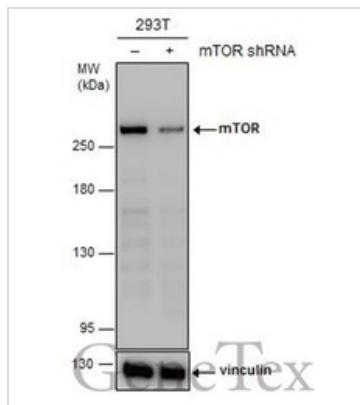
Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (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
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	
Note	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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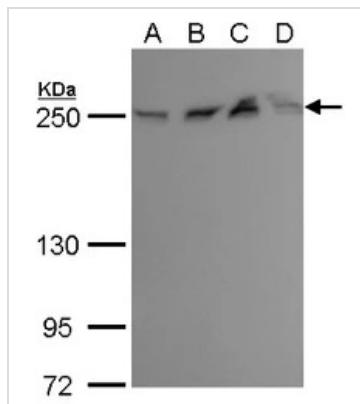
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DATA IMAGES



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.



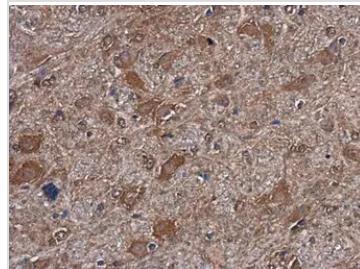
GTX630198 WB Image

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



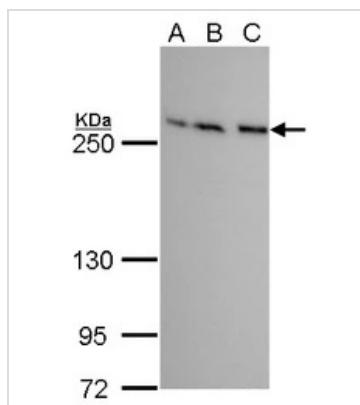
GTX630198 IHC-P Image

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
- BRaji 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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