

mTOR Rabbit mAb

Catalog No: #58708

Package Size: #58708-1 50ul #58708-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

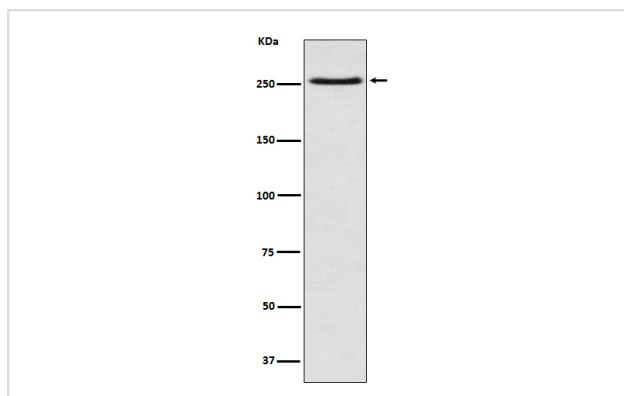
Description

Product Name	mTOR Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP FC
Species Reactivity	Human Mouse Rat
Specificity	mTOR Antibody detects endogenous levels of total mTOR
Immunogen Description	A synthesized peptide derived from human mTOR
Other Names	FRAP; FRAP1; FRAP2; RAFT1; Rapamycin target protein; kinase mTOR;
Accession No.	Uniprot:P42345
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

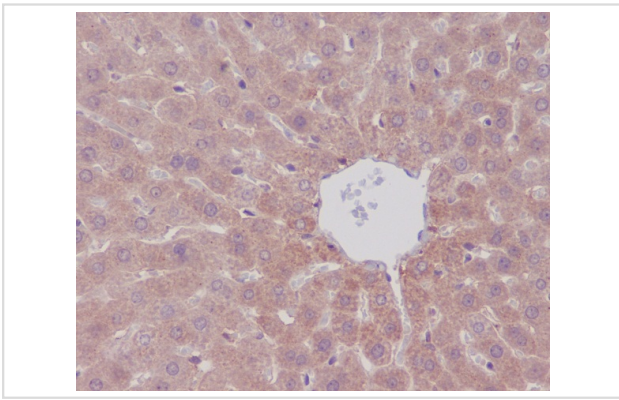
Application Details

WB 1:500~1:1000 IHC 1:50~1:100 ICC/IF 1:50~1:100 IP 1:30 FC 1:20

Images



Western blot analysis of mTOR expression in Jurkat cell lysate.



Immunohistochemical analysis of paraffin-embedded rat liver, using mTOR Antibody.

Product Description

An atypical kinase belonging to the PIKK family of kinases. Controls cell growth through protein synthesis regulation. Downstream of PI3K/Akt pathway and required for cell survival. Acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex.

Background

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Note: This product is for in vitro research use only