

mTOR (Phospho-Ser2448) Rabbit mAb

Catalog No: #14240

Package Size: #14240-1 50ul #14240-2 100ul

Description

Product Name	mTOR (Phospho-Ser2448) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SR1454
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, ICC/IF, IHC
Species Reactivity	Human Mouse Rat Pig
Specificity	Phospho-mTOR (S2448) Antibody detects endogenous levels of total Phospho-mTOR (S2448)
Immunogen Description	A synthesized peptide derived from human Phospho-mTOR (S2448)
Conjugates	Unconjugated
Other Names	FRAP; FRAP1; FRAP2; RAFT1; Rapamycin target protein; kinase mTOR;
Accession No.	Uniprot:P42345
Calculated MW	Predicted band size: 289 kDa
SDS-PAGE MW	Observed band size: 289 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4 Λ C short term. Store at -20 Λ C long term. Avoid freeze / thaw cycle.

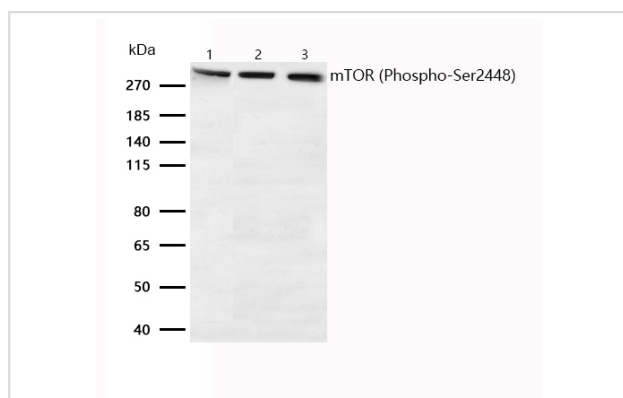
Application Details

WB: 1:500-1:2000

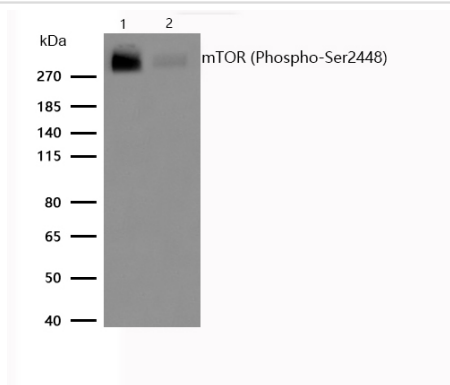
ICC/IF: 1:50-1:200

IHC: 1:50-1:200

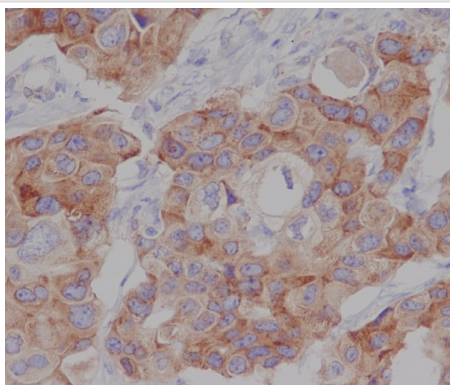
Images



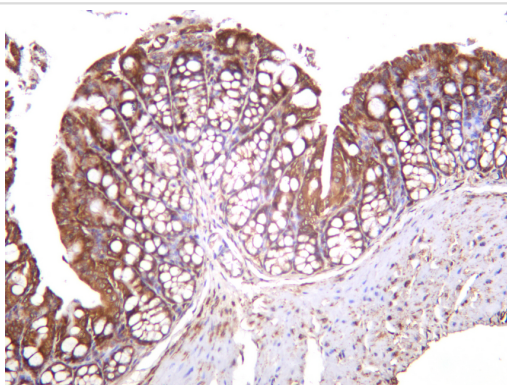
All lanes : mTOR (Phospho-Ser2448) Rabbit mAb at 1/1k dilution
 Lane 1 : HEK293 cell lysate
 Lane 2 : Mouse Lung lysate
 Lane 3 : K562 cell lysate lysate/proteins at 20 μ g per lane.
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 289 kDa Observed band size: 289 kDa
 Exposure time: 9 seconds



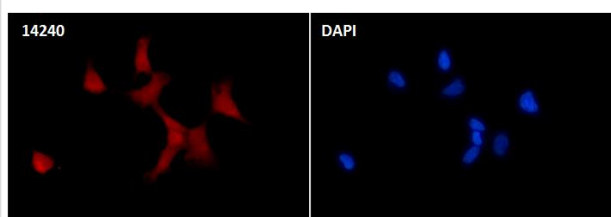
All lanes : mTOR (Phospho-Ser2448) Rabbit mAb at 1/1k dilution
 Lane 1 : HeLa
 Lane 2 : HeLa KD
 Secondary All lanes :
 Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 289 kDa
 Observed band size: 289 kDa
 Exposure time: 4 seconds



Formalin-fixed, paraffin-embedded human breast cancer tissue stained for mTOR (Phospho-Ser2448) using 14240 at 1/100 dilution in immunohistochemical analysis.



Formalin-fixed, paraffin-embedded mouse colon tissue stained for mTOR (Phospho-Ser2448) using 14240 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/Immunofluorescence mTOR (Phospho-Ser2448) antibody (14240)
 ICC/IF staining of mTOR (Phospho-Ser2448) in 293T cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100. Samples were incubated with 14240 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500. Nuclei were counterstained with DAPI.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.