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Anti-mTOR Rabbit Monoclonal Antibody, Clone#RM274

Catalog Number: M00003-1

Overview

Product Name	Anti-mTOR Rabbit Monoclonal Antibody, Clone#RM274
Reactive Species	Human
Description	Boster Bio Anti-mTOR Rabbit Monoclonal Antibody, Clone#RM274 (Catalog # M00003-1). Tested in IHC, WB applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Monoclonal RM274
Formulation	50% Glycerol/PBS with 1% stabilizing protein and 0.09% sodium azide This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P42345

Technical Details

Immunogen	A peptide corresponding to human serine/threonine-protein kinase mTOR.
Predicted Reactive Species	Mouse, Rat
Cross Reactivity	This antibody reacts to human serine/threonine-protein kinase mTOR. This antibody may also react to mouse or rat mTOR, as predicted by immunogen homology.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Protein A affinity purified from an animal origin-free culture supernatant
Suggested Dilutions	Immunohistochemistry (IHC): 1:500-1:1000 dilution WB: 1:1000-1:2000 dilution.

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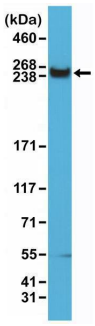
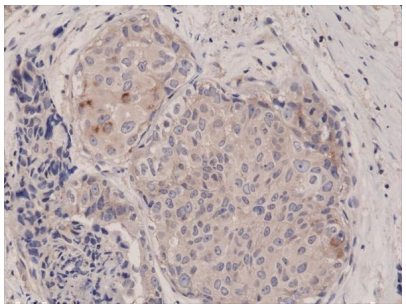
Anti-mTOR Rabbit Monoclonal Antibody, Clone#RM274 (M00003-1) Images



Western Blotting resultWestern Blot of HeLa cells lysates using Anti-mTOR Rabbit Monoclonal Antibody (Clone RM274) at a 1:1500 dilution.



IHC resultImmunohistochemical staining of formalin fixed and paraffin embedded human breast cancer tissue sections using Anti-mTOR Rabbit Monoclonal Antibody (Clone RM274) at a 1:1000 dilution.

3 Publications Citing This Product

1. PubMed ID: -, Lu Kong,Yongya Wu,Wangcheng Hu,Lin Liu,Yuying Xue,Geyu Liang,Mechanisms underlying reproductive toxicity induced by nickel nanoparticles identified by comprehensive gene expression analysis in GC-1 spg cells,Environmental Pollution,2021,116556,ISSN 0269-7

2. PubMed ID: 29904395, Rapamycin provides anti%u2011epileptogenic effect in a rat model of post%u2011traumatic epilepsy via deactivation of mTOR signaling pathway

3. PubMed ID: 25063028, Correlation between autophagy of osteoblasts and oxidative stress of osteoporosis rats

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