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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% BSA and 0.09% sodium azide
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	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: 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

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

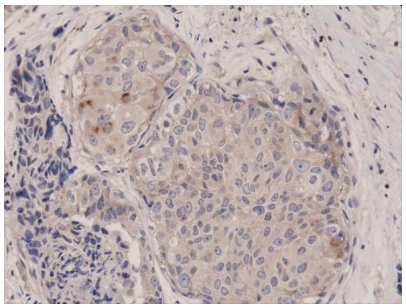

Figure 2. IHC result
Immunohistochemical staining of formalin fixed and paraffin embedded human breast cancer tissue sections using Anti-mTOR Rabbit Monoclonal Antibody (Clone RM274) at a 1:1000 dilution.

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

Visit bosterbio.com/anti-mtor-rabbit-monoclonal-antibody-clone-rm274-m00003-1-boster.html to see all 3 publications.