

Anti-mTOR/Tor Antibody

Catalog Number: A00003-1

About MTOR

CD5 is a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. In humans, the gene is located on the long arm of chromosome 11. This protein is a type-I transmembrane glycoprotein found on the surface of thymocytes, T lymphocytes and a subset of B lymphocytes. The encoded protein contains three SRCR domains and may act as a receptor to regulate T-cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms.

Overview

Product Name	Anti-mTOR/Tor Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-mTOR/Tor Antibody catalog # A00003-1. Tested in IF, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Conjugate	DyLight®488
Application	IF, IHC, WB
Clonality	Polyclonal 6G1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P42345

Technical Details

Immunogen	Synthesized peptide derived from human mTOR around the non-phosphorylation site of S2448.
Predicted Reactive Species	Human
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Immunogen affinity purified

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

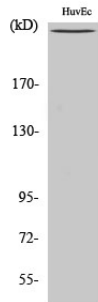
If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

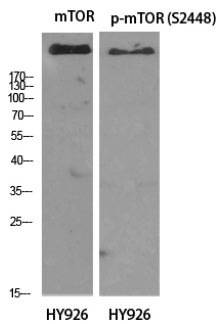
Boster Bio's internal QC testing used:

WB, 1:500-1:2000

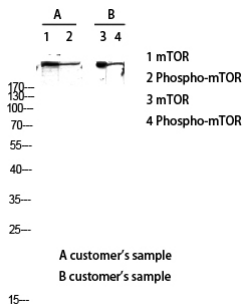
Anti-mTOR/Tor Antibody (A00003-1) Images



Western Blot (WB) analysis of HuvEc cells using mTOR Polyclonal antibody.



Western Blot (WB) analysis of specific cells using mTOR Polyclonal antibody.



Western Blot (WB) analysis of lysis using mTOR antibody.

1 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

Visit bosterbio.com/anti-mtor-antibody-a00003-1-boster.html to see all 1 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

