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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-JNK1/2/3 MAPK8 Rabbit Monoclonal Antibody

Catalog Number: M02608-1

Overview

Product Name	Anti-JNK1/2/3 MAPK8 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-JNK1/2/3 MAPK8 Rabbit Monoclonal Antibody catalog # M02608-1. Tested in WB, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IF, ICC, WB
Clonality	Monoclonal DFI-13
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *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. 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	P45983/P45984/P53779

Technical Details

Immunogen	A synthesized peptide derived from human JNK1+JNK2+JNK3
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 ICC/IF 1:50-200 IP 1:20

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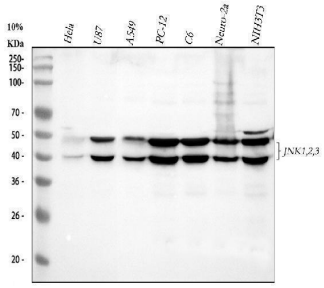
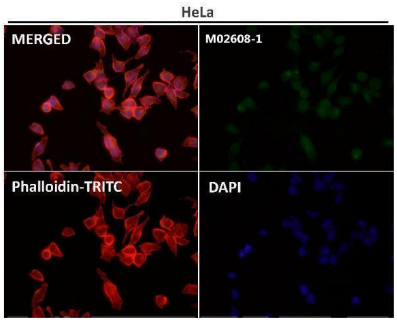
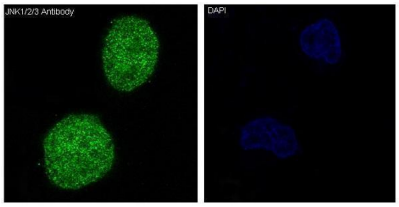
Anti-JNK1/2/3 MAPK8 Rabbit Monoclonal Antibody (M02608-1) Images



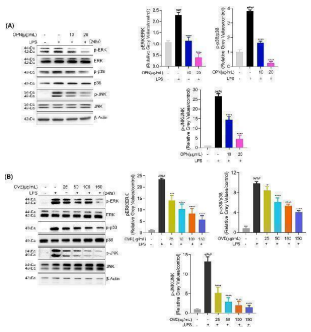
Western blot analysis of JNK1/2/3 using anti-JNK1/2/3 antibody (M02608-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human U87 whole cell lysates, Lane 3: human A549 whole cell lysates, Lane 4: rat PC-12 whole cell lysates, Lane 5: rat C6 whole cell lysates, Lane 6: mouse Neuro-2a whole cell lysates, Lane 7: mouse NIH/3T3 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-JNK1/2/3 antigen affinity purified monoclonal antibody (Catalog # M02608-1) at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for JNK1/2/3 at approximately 40, 48 kDa. The expected band size for JNK1/2/3 is at 48 kDa.



Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis of Hela cells, using JNK1/2/3 Antibody.



Effects of OPN and OVE on activation of MAPK signaling pathways in LPS-stimulated RAW264.7 cells. Expression levels of p-ERK, ERK, p-p38, p-38, p-JNK, and JNK were detected in the same samples for COX-2 detection after 24 h of LPS stimulation. (A) OVE treatment. (B) OPN treatment. All experiments were carried out in triplicates and data are presented as means ± SDs; one-way ANOVA analysis was adopted for multiple comparisons; ###P<0.001, ####P<0.0001, compared to the untreated control group; ***P<0.001 and ****P<0.0001, compared to the LPS control

group. Index in PubMed under a CC BY license. PMID: 39455284

5 Publications Citing This Product

1. PubMed ID: 10.1007/s12013-019-00890-5, Grape Seed Procyanidins Attenuates Cisplatin-induced Human Embryonic Renal Cell Cytotoxicity by Modulating Heme Oxygenase-1 in Vitro

2. PubMed ID: 21625440, Ding Y, Zou J, Li Z, Tian J, Abdelalim S, Du F, She R, Wang D, Tan C, Wang H, Chen W, Lv D, Chang L. Plos One. 2011;6(5):E20008. Doi: 10.1371/Journal.Pone.0020008. Epub 2011 May 23. Study Of Histopathological And Molecular Changes Of Rat Kidney Un...

3. PubMed ID: 29416654, Cui Y, Wu W, Lv P, Zhang J, Bai B, Cao W. Oncotarget. 2017 Dec 11;9(1):783-790. doi: 10.18632/oncotarget.23153. eCollection 2018 Jan 2. Down-regulation of long non-coding RNA ESCCAL_1 inhibits tumor growth of esophageal squamous cell carcinoma in ...

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