10320 Camino Santa Fe, Suite G
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Anti-JNK1/2/3 MAPK8 Rabbit Monoclonal Antibody

Catalog # ABO13920

Specification

Anti-JNK1/2/3 MAPK8 Rabbit Monoclonal Antibody - Product Information

Application	**WB, IF, ICC, IP**
Primary Accession	P45983/P45984/P53779
Host	**Rabbit**
Isotype	**Rabbit IgG**
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-JNK1/2/3 MAPK8 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.

Anti-JNK1/2/3 MAPK8 Rabbit Monoclonal Antibody - Additional Information

Calculated MW
48296 MW KDa

Application Details
WB 1:1000-1:2000
ICC/IF 1:50-1:200
IP 1:50

Subcellular Localization
Cytoplasm. Nucleus.

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5 mg/ml BSA.

Immunogen
A synthesized peptide derived from human JNK1+JNK2+JNK3

Purification
Affinity-chromatography

Storage	**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.**

Anti-JNK1/2/3 MAPK8 Rabbit Monoclonal Antibody - Protein Information

Anti-JNK1/2/3 MAPK8 Rabbit Monoclonal Antibody - Protocols

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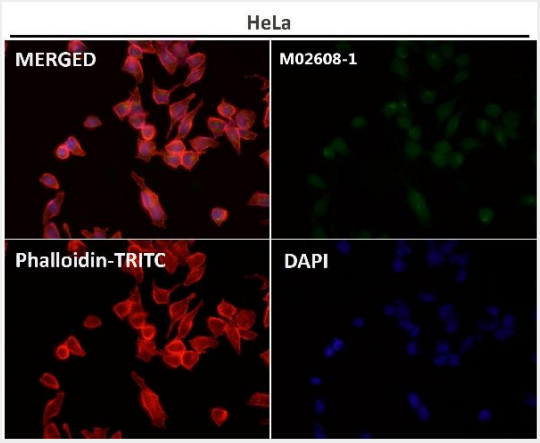
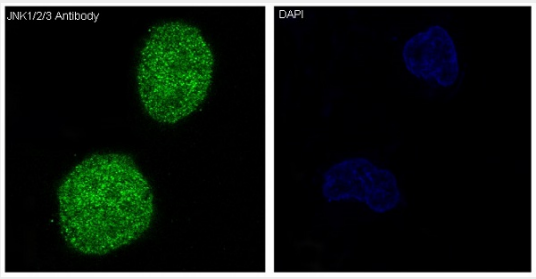
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-JNK1/2/3 MAPK8 Rabbit Monoclonal Antibody - Images



Immunofluorescent analysis using the Antibody at 1:50 dilution.



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

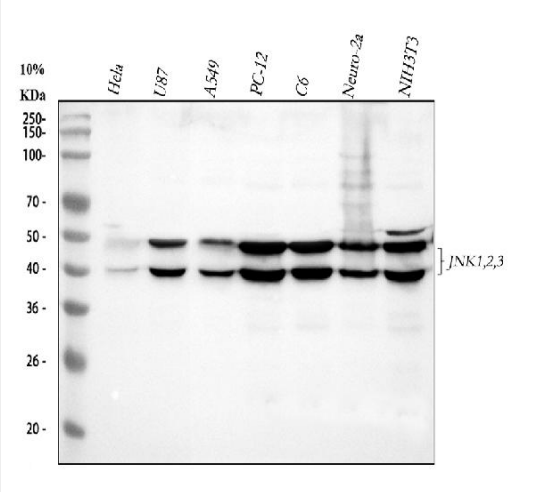


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Figure 1. Western blot analysis of JNK1/2/3 using anti-JNK1/2/3 antibody (M02608-1).
Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug 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.