BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Phospho-JNK1/2/3 (T183+Y185) Antibody

Catalog Number: P02608

About MAPK8/9/10

Mitogen-activated protein kinase 8 is an enzyme that in humans is encoded by the MAPK8 gene. The protein encoded by this gene is a member of the MAP kinase family. The International Radiation Hybrid Mapping Consortium mapped the MAPK8 gene to chromosome 10. The single long open reading frame encodes a putative protein kinase with a predicted mass of 44.2 kD. This kinase play a key role in T cell proliferation, apoptosis and differentiation.

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Overview

Product Name	Anti-Phospho-JNK1/2/3 (T183+Y185) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-JNK1/2/3 (T183+Y185) Antibody catalog # P02608. Tested in WB, IHC, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg stabilizing protein 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	12 months from date of receipt□-20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P45983/P45984/P53779

Technical Details

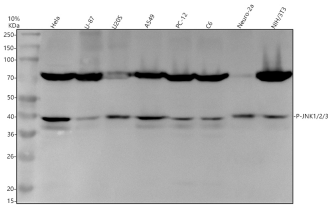
Immunogen	A synthesized peptide derived from human JNK1/2/3 around the phosphorylation site of Thr183+Tyr185.

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Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200 Immunocytochemistry/Immunofluorescence, 1:50-200

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Anti-Phospho-JNK1/2/3 (T183+Y185) Antibody (P02608) Images



Western blot analysis of JNK1/2/3 using anti-JNK1/2/3 antibody (P02608). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 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 U2OS whole cell lysates, Lane 4: human A549 whole cell lysates, Lane 5: rat PC-12 whole cell lysates, Lane 6: rat C6 whole cell lysates, Lane 7: mouse Neuro-2a whole cell lysates, Lane 8: 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 polyclonal antibody (P02608) at 0.5 ug/mL 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 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for JNK1/2/3 at approximately 40 kDa. The expected band size for JNK1/2/3 is at 48 kDa.

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For Research Use Only. Not for use in diagnostic procedures.