

For Research Use Only

Phospho-JNK (Thr183) Recombinant monoclonal antibody, PBS Only

Catalog Number: 80435-8-PBS



Basic Information

Catalog Number:

80435-8-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_138982

GeneID (NCBI):

5599

UNIPROT ID:

P45983

Full Name:

mitogen-activated protein kinase 8

Calculated MW:

48 kDa

Observed MW:

42 kDa, 50 kDa

Purification Method:

Protein A purification

CloneNo.:

253546C10

Applications

Tested Applications:

WB, Dot Blot, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

MAPK8(Mitogen-activated protein kinase 8) is also named as JNK1, PRKM8, SAPK1, SAPK1C and belongs to the MAP kinase subfamily. Phospho-JNK (Thr183) is the activated form of c-Jun N-terminal kinase (JNK), a MAPK family serine/threonine kinase. Phosphorylation at Thr183 (often with Tyr185) by MKK4/7 activates JNK, regulating cell apoptosis, proliferation and stress responses. (PMID: 40538844)

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

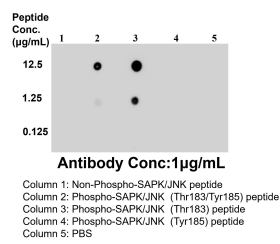
For technical support and original validation data for this product please contact:

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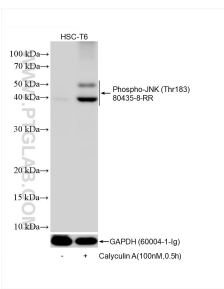
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W: ptglab.com

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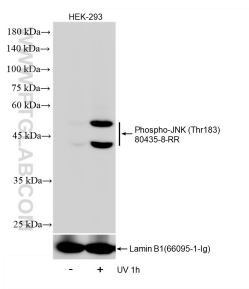
Selected Validation Data



Dot blot analysis was used to confirm the specificity of 80435-8-RR,Phospho-SAPK/JNK (Thr183) antibody. peptides were spotted onto NC and probed with antibody at 1 µg/ml. The amount of peptide (µg/mL) spotted is indicated next to each row. This data was developed using the same antibody clone with 80435-8-PBS in a different storage buffer formulation.



Non-treated HSC-T6 cells and Calyculin A treated HSC-T6 cells were subjected to SDS PAGE followed by western blot with 80435-8-RR (Phospho-JNK (Thr183) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH (60004-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 80435-8-PBS in a different storage buffer formulation.



Non-treated HEK-293 cells and UV treated HEK-293 cells were subjected to SDS PAGE followed by western blot with 80435-8-RR (Phospho-JNK (Thr183) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Lamin B1 (66095-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 80435-8-PBS in a different storage buffer formulation.