

For Research Use Only

Phospho-MEK6 (Ser207) Recombinant antibody, PBS Only

Catalog Number: 80064-2-PBS



Basic Information

Catalog Number:

80064-2-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC012009

GeneID (NCBI):

5608

UNIPROT ID:

P52564

Full Name:

mitogen-activated protein kinase kinase 6

Calculated MW:

334 aa, 37 kDa

Observed MW:

38 kDa, 40kDa

Purification Method:

Protein A purification

CloneNo.:

250293G8

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

MAPKK6 (Dual specificity mitogen activated protein kinase kinase 6), also known as MAP2K6 / MEK6 / MKK6, is a member of MAPKK protein kinase family. MKK6 plays an important role in intracellular signaling pathways leading toward activation of the p38 MAP kinase. MEK6 phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. Phosphorylation of Ser207 and Thr211 by MAP3Ks is critical for MEK6 activation, and acetylation of these residues by VopA blocks MEK6 activity (PMID: 26648936). The antibody also recognizes the ser218 phosphorylation site of MEK3.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

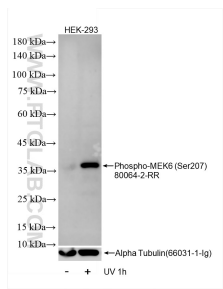
For technical support and original validation data for this product please contact:

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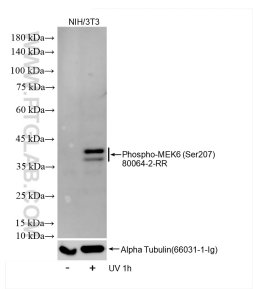
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Non-treated HEK-293 cells and UV treated HEK-293 cells were subjected to SDS PAGE followed by western blot with 80064-2-RR (Phospho-MEK6 (Ser207) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Alpha Tubulin (66031-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 80064-2-PBS in a different storage buffer formulation.



Non-treated NIH/3T3 cells and UV treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 80064-2-RR (Phospho-MEK6 (Ser207) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Alpha Tubulin (66031-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 80064-2-PBS in a different storage buffer formulation.