

For Research Use Only

Phospho-JUN (Thr91/93) Recombinant antibody, PBS Only

Catalog Number: 81667-2-PBS



Basic Information

Catalog Number:

81667-2-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC068522

GeneID (NCBI):

3725

UNIPROT ID:

P05412

Full Name:

jun oncogene

Calculated MW:

331 aa, 36 kDa

Observed MW:

48 kDa

Purification Method:

Protein A purification

CloneNo.:

241983H8

Applications

Tested Applications:

WB, FC (Intra), Indirect ELISA

Species Specificity:

human, mouse

Background Information

JUN is also named as c-Jun and AP1, belongs to the bZIP family and Jun subfamily. JUN, the most extensively studied protein of the activator protein-1 (AP-1) complex, is involved in numerous cell activities, such as proliferation, apoptosis, survival, tumorigenesis and tissue morphogenesis. The phosphorylation of c-Jun by Plk3 immunoprecipitates was not altered by the pre-removal of JNK from the cell lysates. In addition, the effect of UV irradiation-induced phosphorylation of c-Jun and apoptosis were not significantly affected by knockdown of JNK mRNA. (PMID: 22180088, PMID: 17804415)

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

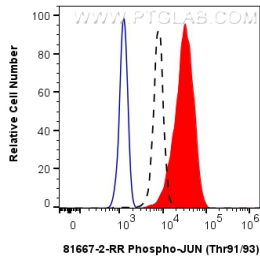
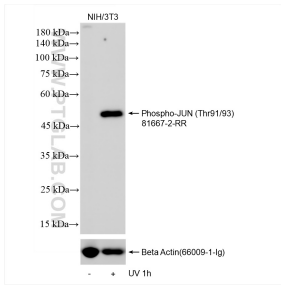
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Selected Validation Data



Non-treated NIH/3T3 cells and UV treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 81667-2-RR (Phospho-JUN (Thr91/93) antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Beta Actin (66009-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 81667-2-PBS in a different storage buffer formulation.

1X10⁶ NIH/3T3 cells untreated (dashed lines) or treated with UV which intracellularly stained with 0.13 ug Phospho-JUN (Thr91/93) Recombinant antibody (81667-2-RR, Clone:241983H8) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.13 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH. This data was developed