

For Research Use Only

# CoraLite® Plus 647-conjugated Phospho-JUN (Thr91/93) Recombinant antibody

Catalog Number: CL647-81667-2



## Basic Information

Catalog Number:

CL647-81667-2

GenBank Accession Number:

BC068522

Purification Method:

Protein A purification

Size:

100ul , Concentration: 1000 ug/ml by  
Nanodrop;

GeneID (NCBI):

3725

CloneNo.:

241983H8

Source:

Rabbit

UNIPROT ID:

P05412

Excitation/Emission maxima  
wavelengths:

654 nm / 674 nm

Isotype:

IgG

Full Name:

jun oncogene

Calculated MW:

331 aa, 36 kDa

Observed MW:

48 kDa

## Applications

Tested Applications:

FC (Intra)

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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

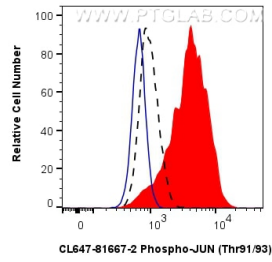
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> NIH/3T3 cells untreated (dashed lines) or treated with UV which intracellularly stained with 0.25 ug Coralite® Plus 647 Phospho-JUN (Thr91/93) Recombinant Antibody (CL647-81667-2, Clone:241983H8)(red), or 0.25 ug Coralite® Plus 647 Rabbit IgG Isotype Control RecAb (CL647-98136, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.