

For Research Use Only



CoraLite® Plus 647-conjugated Phospho-JNK (Tyr185) Recombinant monoclonal antibody

Catalog Number: **CL647-80024**

Basic Information

Catalog Number:

CL647-80024

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_139049

GeneID (NCBI):

5599

UNIPROT ID:

P45983

Full Name:

mitogen-activated protein kinase 8

Observed MW:

37-45kDa

Purification Method:

Protein A purification

CloneNo.:

2G8

Recommended Dilutions:

FC (Intra): 0.2 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse

Positive Controls:

FC (Intra): Calyculin A treated HEK-293 cells,

Background Information

MAPK8(Mitogen-activated protein kinase 8) is also named as JNK1, PRKM8, SAPK1, SAPK1C and belongs to the MAP kinase subfamily. MAPK8 is activated by dual phosphorylation at a Thr-Pro-Tyr motif during response to UV light. Phosphorylation of these sites in response to UV results in transcriptional activation of c-Jun.

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

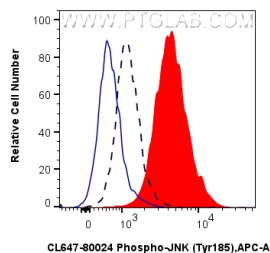
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HEK-293 cells untreated (dashed lines) or treated with Calyculin A which intracellularly stained with 0.2 ug Coralite® Plus 647 Phospho-JNK (Tyr185) Recombinant Antibody (CL647-80024, Clone:2G8)(red), or 0.2 ug Isotype Control (blue). Cells were fixed and permeabilized with Flow Cytometry Phosphorylated Protein Fixation/Permeabilization Kit (PF00026).