

For Research Use Only

# CoraLite®594-conjugated Phospho-TAK1 (Thr187) Recombinant antibody

Catalog Number:CL594-81785



## Basic Information

Catalog Number:

CL594-81785

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC017715

GeneID (NCBI):

6885

UNIPROT ID:

O43318

Full Name:

mitogen-activated protein kinase kinase kinase 7

Calculated MW:

579 aa, 64 kDa

Observed MW:

75-85 kDa

Purification Method:

Protein A purification

CloneNo.:

206

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

## Background Information

MAP3K7(Mitogen-activated protein kinase kinase kinase 7) is also named TAK1 and belongs to the MAP kinase kinase kinase subfamily. It plays an important role in the cascades of cellular responses evoked by changes in the environment. It has been linked to interleukin-1 receptor and tumor necrosis factor receptor signaling (PMID: 16186825). It has 4 isoforms (53-55 kDa; 64-70 kDa and 75-80 kDa) produced by alternative splicing.

## 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:

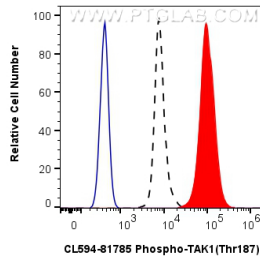
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1X10<sup>6</sup> HEK-293 cells untreated (dashed lines) or treated with Calyculin A which intracellularly stained with 0.25 ug Coralite®594 Phospho-TAK1 (Thr187) Recombinant Antibody (CL594-81785, Clone:206)(red), or 0.25 ug Coralite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.