

For Research Use Only

# CoraLite® Plus 750-conjugated Phospho-TAK1 (Thr187) Recombinant antibody

Catalog Number: CL750-81785



## Basic Information

|  |   |   |
|--|---|---|
| <b>Catalog Number:</b><br>CL750-81785                          | <b>GenBank Accession Number:</b><br>BC017715                          | <b>Purification Method:</b><br>Protein A purification             |
| <b>Size:</b><br>100ul , Concentration: 1000 ug/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>6885   | <b>CloneNo.:</b><br>206   |
| <b>Source:</b><br>Rabbit                                       | <b>UNIPROT ID:</b><br>O43318  | <b>Recommended Dilutions:</b><br>WB 1:1000-1:8000                 |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>mitogen-activated protein kinase kinase kinase 7 | <b>Excitation/Emission maxima wavelengths:</b><br>755 nm / 780 nm |
|  | <b>Calculated MW:</b><br>579 aa, 64 kDa                               |   |
|  | <b>Observed MW:</b><br>75-85 kDa                                      |   |

## Applications

|                                      |   |
|--------------------------------------|---|
| <b>Tested Applications:</b><br>WB    | <b>Positive Controls:</b><br>WB : Calyculin A treated HeLa cells, |
| <b>Species Specificity:</b><br>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.

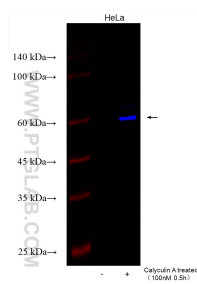
## Storage

**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:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL750-81785 (Phospho-TAK1 (Thr187) antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.