

For Research Use Only

Phospho-MAPKAPK2 (Thr222) Recombinant monoclonal antibody, PBS Only

Catalog Number: 87209-1-PBS



Basic Information

| | | |
|---------------------------------------|--|---|
| Catalog Number: 87209-1-PBS | GenBank Accession Number: NM_032960 | Purification Method: Protein A purification |
| Source: Rabbit | GeneID (NCBI): 9261 | CloneNo.: 252312D8 |
| Isotype: IgG | UNIPROT ID: P49137 | |
| | Full Name: mitogen-activated protein kinase- activated protein kinase 2 | |
| | Calculated MW: 46 kDa | |
| | Observed MW: 49 kDa | |

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

MAPKAPK2 (mitogen-activated protein kinase-activated protein kinase 2) is also named as MK2, MAPKAP-K2, MK-2 and belongs to the CAMK Ser/Thr protein kinase family. Phospho-MAPKAPK2 (Thr222) is a phosphorylated form of MAPKAPK2 (MAPK-Activated Protein Kinase 2), which is also known as MK2. MAPKAPK-2 (MK2) is a direct target of p38 MAPK and is activated through phosphorylation at multiple residues, including Thr222, Ser272, and Thr334. (PMID: 20596525)

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, pH7.3

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

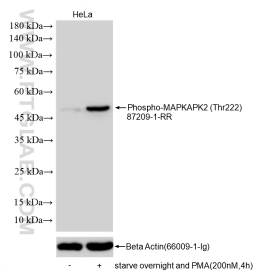
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Non-treated HeLa cells, starve overnight treated and PMA treated HeLa cells were subjected to SDS PAGE followed by western blot with 87209-1-RR (Phospho-MAPKAPK2 (Thr222) antibody) at dilution of 1:5000 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 87209-1-PBS in a different storage buffer formulation.