

For Research Use Only

Phospho-MAPKAPK2 (Thr222) Recombinant monoclonal antibody

Catalog Number:87209-1-RR



Basic Information

Catalog Number:

87209-1-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_032960

GeneID (NCBI):

9261

UNIPROT ID:

P49137

Full Name:

mitogen-activated protein kinase-
activated protein kinase 2

Calculated MW:

46 kDa

Observed MW:

49 kDa

Purification Method:

Protein A purification

CloneNo.:

252312D8

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : PMA treated HeLa cells, starve overnight treated
and PMA treated HeLa cells

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

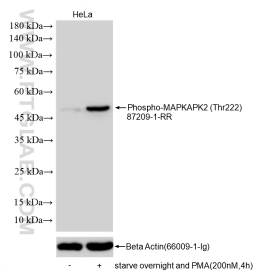
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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.