

For Research Use Only

Phospho-MAPKAPK2 (Thr222) Recombinant monoclonal antibody

Catalog Number: 87209-1-RR



Basic Information

Catalog Number: 87209-1-RR	GenBank Accession Number: NM_032960	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9261	CloneNo.: 252312D8
Source: Rabbit	UNIPROT ID: P49137	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: mitogen-activated protein kinase-activated protein kinase 2	
	Calculated MW: 46 kDa	
	Observed MW: 49 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : PMA treated HeLa cells, starve overnight treated and PMA treated HeLa cells
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 -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

*** 20ul sizes contain 0.1% BSA

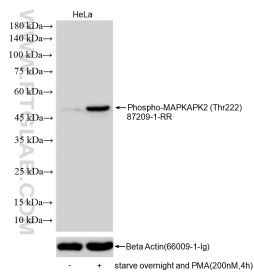
For technical support and original validation data for this product please contact:

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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.