

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: NML_032960	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9261	CloneNo.: 252312D8
Source: Rabbit	UNIPROT ID: P49137	
Isotype: IgG	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

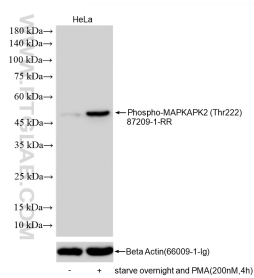
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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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.