

For Research Use Only

Phospho-TAK1 (Thr187) Recombinant antibody, PBS Only

Catalog Number: 81785-1-PBS



Basic Information

Catalog Number: 81785-1-PBS	GenBank Accession Number: BC017715	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 6885	CloneNo.: 206
Source: Rabbit	UNIPROT ID: O43318	
Isotype: IgG	Full Name: mitogen-activated protein kinase kinase kinase 7	
	Calculated MW: 579 aa, 64 kDa	
	Observed MW: 75-85 kDa	

Applications

Tested Applications:
WB, FC (Intra), Indirect ELISA

Species Specificity:
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

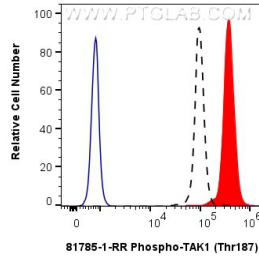
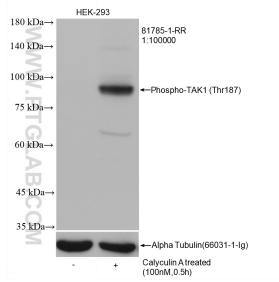
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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 and Calyculin A treated HEK-293 cells were subjected to SDS PAGE followed by western blot with 81785-1-RR (Phospho-TAK1 (Thr187) antibody) at dilution of 1:100000 incubated at room temperature for 1 hour. The membrane was stripped and re-blotted with Alpha Tubulin antibody as loading control. This data was developed using the same antibody clone with 81785-1-PBS in a different storage buffer formulation.

1X10⁶ HEK-293 cells untreated (dashed lines) or treated with Calyculin A were intracellularly stained with 0.13 ug Phospho-TAK1 (Thr187) Recombinant antibody (81785-1-RR, Clone:206) and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.13 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH. This data was developed

