

For Research Use Only

CoraLite® Plus 488-conjugated TAK1 Monoclonal antibody



Catalog Number: **CL488-67707**

Basic Information

Catalog Number: CL488-67707	GenBank Accession Number: BC017715	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6885	CloneNo.: 1A5B2
Source: Mouse	UNIPROT ID: O43318	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: mitogen-activated protein kinase kinase kinase 7	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG21286	Calculated MW: 579 aa, 64 kDa	
	Observed MW: 67-70 kDa	

Applications

Tested Applications: IF	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: Human, Mouse, Rat	

Background Information

MAP3K7(Mitogen-activated protein kinase kinase kinase 7) is also named as 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.

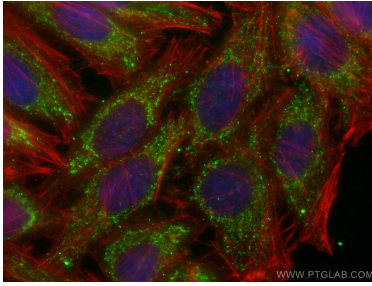
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

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

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 TAK1 antibody (CL488-67707, Clone: 1A5B2) at dilution of 1:200, CL594-phalloidin (red).