

For Research Use Only

CoraLite® Plus 488-conjugated Phospho-RIPK1 (Ser161) Monoclonal antibody

Catalog Number: CL488-66854



Basic Information

Catalog Number: CL488-66854	GenBank Accession Number: NM_003804	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 8737	CloneNo.: 1B2G1
Source: Mouse	UNIPROT ID: Q13546	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: receptor (TNFRSF)-interacting serine-threonine kinase 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 76 kDa	
	Observed MW: 74 kDa, 45 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra)	Positive Controls: IF/ICC : Calyculin A treated HeLa cells, U2OS cells
Species Specificity: human	

Background Information

RIPK1(Receptor-interacting serine/threonine-protein kinase 1) is primarily involved in mediating TNF-R1-induced cell activation, apoptosis and necroptosis and belongs to a novel class of kinases that function in cell survival and cell death mechanisms(PMID:22685397).It has 2 isoforms produced by alternative splicing.It also can exist as the protein with lower molecular weight about 25kd and 45kd in HAEC and HUVEC(PMID:22685397).

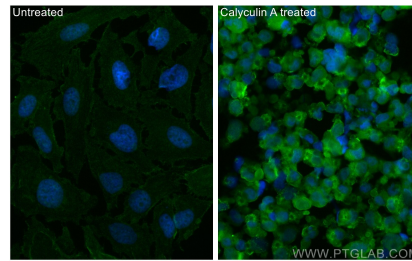
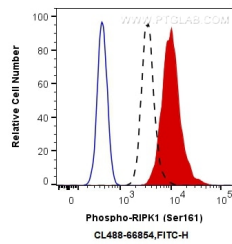
Storage

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



1X10⁶ HEK-293T cells untreated (dashed lines) or treated with Calyculin A (red) were intracellularly stained with 0.13 ug CoraLite® Plus 488 Anti-Human Phospho-RIPK1 (Ser161) (CL488-66854, Clone:1B2G1) (red), or 0.13 ug Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.

Immunofluorescent analysis of (4% PFA) fixed Calyculin A treated HeLa cells using CoraLite® Plus 488 Phospho-RIPK1 (Ser161) antibody (CL488-66854, Clone: 1B2G1) at dilution of 1:200.