

For Research Use Only

CoraLite® Plus 647-conjugated Phospho-RIPK1 (Ser161) Monoclonal antibody



Catalog Number: **CL647-66854**

Basic Information

Catalog Number: CL647-66854	GenBank Accession Number: NM_003804	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 8737	CloneNo.: 1B2G1
Source: Mouse	UNIPROT ID: Q13546	Recommended Dilutions: IF 1:200-1:800
Isotype: IgG1	Full Name: receptor (TNFRSF)-interacting serine- threonine kinase 1	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
	Calculated MW: 76 kDa	
	Observed MW: 74 kDa, 45 kDa	

Applications

Tested Applications:
FC (Intra), IF/ICC
Species Specificity:
Human

Positive Controls:
IF : U2OS cells,

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:

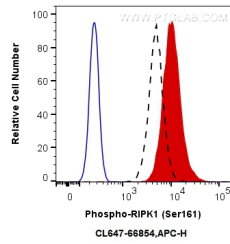
T: 4006900926

E: Proteintech-CN@ptglab.com

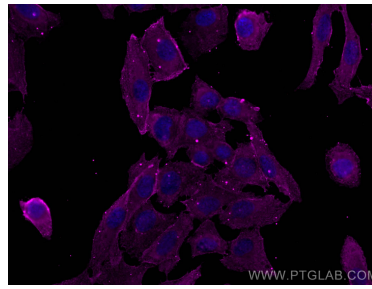
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Selected Validation Data



1X10⁶ HEK-293T cells untreated (dashed lines) or treated with Calyculin A (red) were intracellularly stained with 0.13 ug Coralite® Plus 647 Anti-Human Phospho-RIPK1 (Ser161) (CL647-66854, Clone:1B2G1) (red), or 0.13 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with 90% MeOH.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using Coralite® Plus 647 Phospho-RIPK1 (Ser161) antibody (CL647-66854, Clone: 1B2G1) at dilution of 1:400.