

For Research Use Only

CoraLite®594-conjugated Phospho-RIPK1 (Ser161) Monoclonal antibody



Catalog Number:CL594-66854

Basic Information

Catalog Number:

CL594-66854

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

NM_003804

GeneID (NCBI):

8737

UNIPROT ID:

Q13546

Full Name:

receptor (TNFRSF)-interacting serine-threonine kinase 1

Calculated MW:

76 kDa

Observed MW:

74 kDa, 45 kDa

Purification Method:

Protein G purification

CloneNo.:

1B2G1

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

FC (Intra)

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 25 kDa and 45 kDa 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:

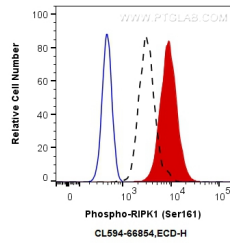
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HEK-293T cells untreated (dashed lines) or treated with Calyculin A (red) were intracellularly stained with 0.13 ug CoraLite® 594 Anti-Human Phospho-RIPK1 (Ser161) (CL594-66854, Clone:1B2G1) (red), or 0.13 ug Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.