

For Research Use Only

CoraLite® Plus 488-conjugated RIP3 Polyclonal antibody



Catalog Number:CL488-17563

Basic Information

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|--|---|---|
| Catalog Number: CL488-17563 | GenBank Accession Number: BC062584 | Purification Method: Antigen affinity purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 11035 | Recommended Dilutions: IF 1:50-1:500 |
| Source: Rabbit | UNIPROT ID: Q9Y572 | Excitation/Emission maxima wavelengths: 493 nm / 522 nm |
| Isotype: IgG | Full Name: receptor-interacting serine-threonine kinase 3 | |
| Immunogen Catalog Number: AG11759 | Calculated MW: 518 aa, 57 kDa | |
| | Observed MW: 57 kDa | |

Applications

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| Tested Applications: IF | Positive Controls: IF : HT-29 cells, |
| Species Specificity: human | |

Background Information

RIPK3, also named as RIP3, a Ser/Thr kinase of RIP (Receptor Interacting Protein) family, is recruited to the TNFR1 signaling complex through RIP and has been shown to mediate apoptosis induction and NF-κB activation. RIPK3 is a nucleocytoplasmic shuttling protein and its unconventional nuclear localization signal (NLS, 442-472 aa) is sufficient to trigger apoptosis in the nucleus (PMID:18533105). It has 3 isoforms produced by alternative splicing. RIPK3 might form a homodimer within cells, and its apoptotic activity may not be required for this dimerization (PMID:18533105).

Storage

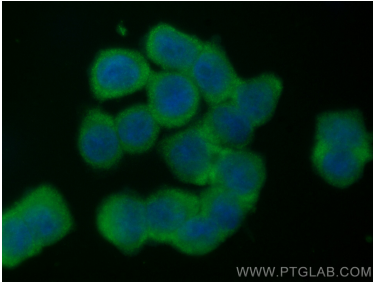
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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 Methanol) fixed HT-29 cells using CoraLite® Plus 488 RIP3 antibody (CL488-17563) at dilution of 1:200.