

For Research Use Only

CoraLite® Plus 488-conjugated RIPK3 Polyclonal antibody

Catalog Number: CL488-17563



Basic Information

Catalog Number: CL488-17563	GenBank Accession Number: BC062584	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 11035	Recommended Dilutions: IF/ICC 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

Tested Applications: IF/ICC	Positive Controls: IF/ICC : 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- κ B 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).

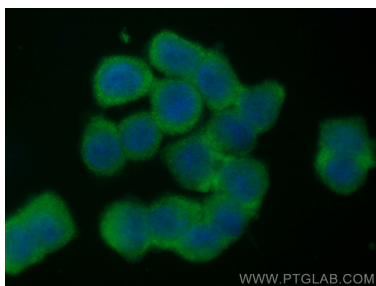
Storage

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

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.