

For Research Use Only

CoraLite® Plus 488-conjugated BAP31 Recombinant antibody

Catalog Number:CL488-84584-5



Basic Information

Catalog Number: CL488-84584-5	GenBank Accession Number: BC014323	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 10134	CloneNo.: 241978D10
Source: Rabbit	UNIPROT ID: P51572	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: B-cell receptor-associated protein 31	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG1668	Calculated MW: 28 kDa	
	Observed MW: 28 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human, mouse, rat	

Background Information

BAP31, also known as BCAP31, is a chaperone protein abundant in the endoplasmic reticulum (ER). BAP31 plays a role in the export of secreted proteins in the ER, the recognition of abnormally folded proteins, and their targeting to the ER-associated-degradation (ERAD). CDIP1 and BAP31 interact upon ER stress to regulate the mitochondrial apoptosis pathway(PMID: 24139803). It also serves as a cargo receptor for the export of transmembrane proteins. BAP31 may be involved in apoptosis.

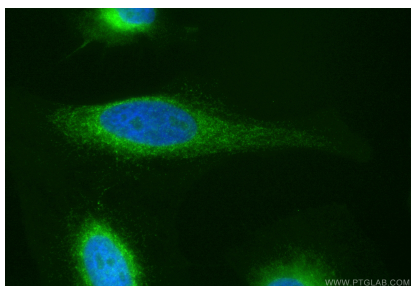
Storage

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, pH7.3
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
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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



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 BAP31 antibody (CL488-84584-5, Clone: 241978D10) at dilution of 1:200.