

For Research Use Only

CoraLite® Plus 488-conjugated BubR1 Polyclonal antibody



Catalog Number: CL488-11504

Featured Product

Basic Information

Catalog Number: CL488-11504	GenBank Accession Number: BC018739	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 701	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: budding uninhibited by benzimidazoles 1 homolog beta (yeast)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 1050 aa, 120 kDa	
Immunogen Catalog Number: AG2053	Observed MW: 120-130 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : SKOV-3 cells,
Species Specificity: human, mouse	

Background Information

BUB1B (Mitotic checkpoint serine/threonine-protein kinase BUB1 beta), also named as BUBR1, MAD3 and SSK1, belongs to the BUB1 subfamily. Human BUB1B is a 120 kDa protein that plays a central role in the spindle assembly checkpoint (SAC), the evolutionary conserved and self-regulatory system of higher organisms that monitors and repairs defects in chromosome segregation in mitotic cells (PMID:22201036). In addition to phosphorylation, BUB1B is also subjected to posttranslational modifications including acetylation (PMID:22167194). Defects in BUB1B are the cause of premature chromatid separation trait (PCS) and mosaic variegated aneuploidy syndrome type 1 (MVA1).

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

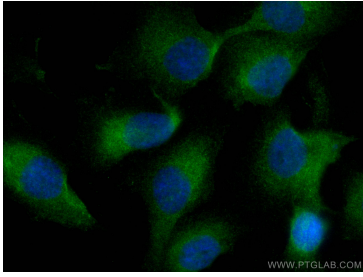
For technical support and original validation data for this product please contact:

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 (4% PFA) fixed SKOV-3 cells using CoraLite® Plus 488 BubR1 antibody (CL488-11504) at dilution of 1:100.