

For Research Use Only

CoraLite® Plus 488-conjugated Cyclin B1 Polyclonal antibody



Catalog Number: CL488-28603

Featured Product

Basic Information

Catalog Number: CL488-28603	GenBank Accession Number: BC006510	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 891	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: cyclin B1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 48 kDa	
Immunogen Catalog Number: AG29426	Observed MW: 55-60 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HT-29 cells, HeLa cells
Species Specificity: Human	

Background Information

Cyclin B1 is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase of the cell cycle. The different transcripts result from the use of alternate transcription initiation sites. The antibody is specific to CCNB1. We got a 55-60 kDa band in western blotting maybe due to phosphorylation.

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

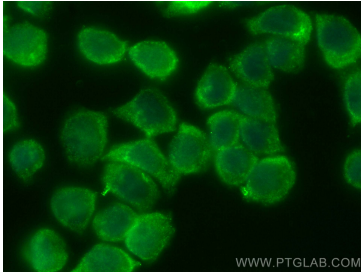
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

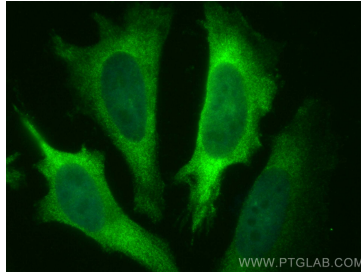
E: proteintech@ptglab.com
W: ptglab.com

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 HT-29 cells using CoraLite® Plus 488 Cyclin B1 antibody (CL488-28603) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 Cyclin B1 antibody (CL488-28603) at dilution of 1:200.