

For Research Use Only

# CoraLite® Plus 488-conjugated RBBP6 Recombinant monoclonal antibody

Catalog Number: CL488-85884-5



## Basic Information

Catalog Number:	CL488-85884-5	GenBank Accession Number:	BC029352	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 ug/ml by Nanodrop;	GenelD (NCBI):	5930	CloneNo.:	250142C1
Source:	Rabbit	UNIPROT ID:	Q7Z6E9	Recommended Dilutions:	IF/ICC: 1:50-1:500
Isotype:	IgG	Full Name:	retinoblastoma binding protein 6	Excitation/Emission maxima wavelengths:	493 nm / 522 nm
Immunogen Catalog Number:	AG2484	Calculated MW:	1792 aa, 200 kDa		
		Observed MW:	250 kDa		

## Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC: Caco-2 cells, MCF-7 cells
Species Specificity:	

human

## Background Information

RBBP6 (retinoblastoma binding protein 6) is a multifunctional protein that interacts with both p53 and pRb and has been implicated in mRNA processing. It has also been identified as a putative E3 ubiquitin ligase due to the presence of a RING finger domain [PMID:18851979]. RBBP6 contains an N-terminal ubiquitin-like domain and a cysteine-rich RING finger-like domain, through which it promotes the ubiquitination of p53 by Hdm2 in an E4-like manner [PMID:17470788]. It is implicated in a diverse set of cellular functions, including mRNA metabolism, regulation of the cell cycle, tumorigenesis, and development [PMID:12938151,17470788].

## 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

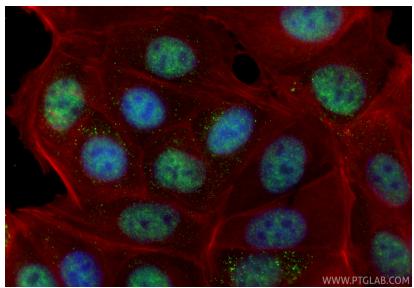
Aliquoting is unnecessary for -20°C storage

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)

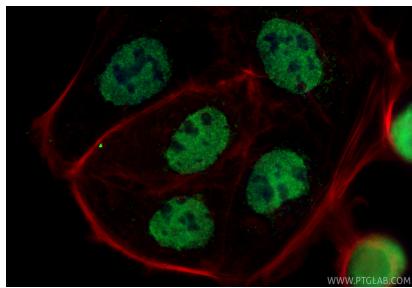
E: proteintech@ptglab.com  
W: ptglab.com

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 MCF-7 cells using Coralite® Plus 488 RBBP6 antibody (CL488-85884-5, Clone: 250142C1) at dilution of 1:200, CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed Caco-2 cells using Coralite® Plus 488 RBBP6 antibody (CL488-85884-5, Clone: 250142C1) at dilution of 1:200, CL594-Phalloidin (red).