

CoraLite® Plus 488-conjugated RBBP6 Recombinant monoclonal antibody

Catalog Number: CL488-85884-5

Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-85884-5	BC029352	Protein A purification
Source:	GenID (NCBI):	CloneNo.:
Rabbit	5930	250142C1
Isotype:	UNIPROT ID:	Recommended Dilutions:
IgG	Q7Z6E9	IF/ICC: 1:50-1:500
Immunogen Catalog Number:	Full Name:	Excitation/Emission maxima
AG2484	retinoblastoma binding protein 6	wavelengths:
	Calculated MW:	493 nm / 522 nm
	Observed MW:	
	250 kDa	

Applications

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

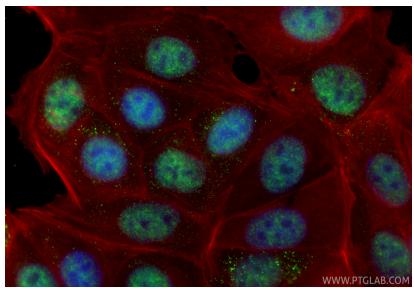
Background Information

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].

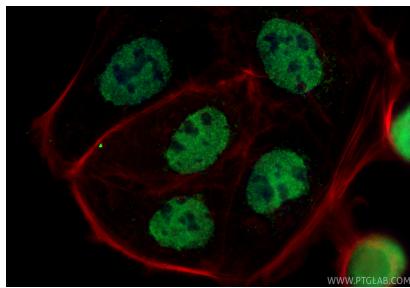
Storage

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

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).