

For Research Use Only

CoraLite® Plus 488-conjugated PUM1 Recombinant monoclonal antibody

Catalog Number: CL488-86129



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-86129	BC013398	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100μl, Concentration: 1000 ug/ml by Nanodrop;	9698	250792G4
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q14671	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	pumilio homolog 1 (Drosophila)	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
AG24651	1186 aa, 126 kDa	
	Observed MW:	
	140 kDa	

Applications

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

Background Information

PUM1, also named as Pumilio homolog 1, is a 1186 amino acid protein, which is expressed in brain, heart, kidney, muscle, intestine and stomach. PUM1 is a sequence-specific RNA-binding protein that acts as a post-transcriptional repressor by binding the 3'-UTR of mRNA targets. PUM1 binds to an RNA consensus sequence, the Pumilio Response Element (PRE), 5'-UGUANUA-3', that is related to the Nanos Response Element (NRE). The calculated molecular weight of PUM1 is 126 kDa, but the modified PUM1 is about 130-140 kDa.

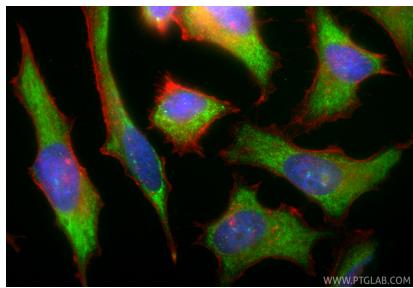
Storage

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 (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 PUM1 antibody (CL488-86129, Clone: 250792G4) at dilution of 1:200, CL594-Phalloidin (red).