

For Research Use Only

# CoraLite® Plus 488-conjugated TPR Recombinant antibody

Catalog Number: CL488-83177-5



## Basic Information

<b>Catalog Number:</b> CL488-83177-5	<b>GenBank Accession Number:</b> NM_003292	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7175	<b>CloneNo.:</b> 230413A2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P12270	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> translocated promoter region (to activated MET oncogene)	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
	<b>Calculated MW:</b> 267 kDa	
	<b>Observed MW:</b> ~270 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HeLa cells,
<b>Species Specificity:</b> human	

## Background Information

Nucleoporin TPR was originally identified as the oncogenic activator of the met, raf, and trk protooncogenes. TPR is a large 270 kDa protein with a bipartite structure consisting of a ~1600-residue a-helical coiled-coil N-terminal domain and a highly acidic non-coiled ~800 amino acid carboxy terminus (PMID: 22253824). TPR is localized exclusively to intranuclear filaments associated with the nucleoplasmic side of the NPC, by directly binding to Nup153 (PMID: 12802065).

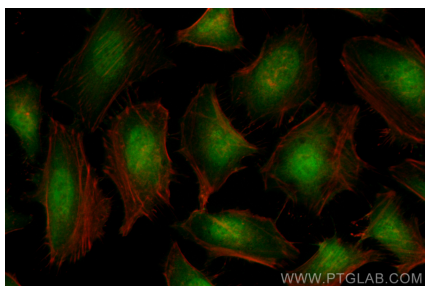
## Storage

**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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://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 HeLa cells using CoraLite® Plus 488 TPR antibody (CL488-83177-5, Clone: 230413A2 ) at dilution of 1:200.