

For Research Use Only

CoraLite® Plus 488-conjugated TPR Recombinant antibody

Catalog Number: CL488-83177-5



Basic Information

Catalog Number:

CL488-83177-5

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_003292

GeneID (NCBI):

7175

UNIPROT ID:

P12270

Full Name:

translocated promoter region (to
activated MET oncogene)

Calculated MW:

267 kDa

Observed MW:

~270 kDa

Purification Method:

Protein A purification

CloneNo.:

230413A2

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells,

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:

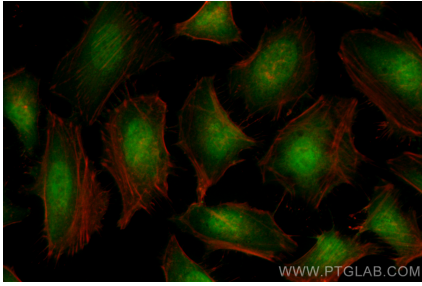
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 TPR antibody (CL488-83177-5, Clone: 230413A2) at dilution of 1:200.