

For Research Use Only

# CoraLite® Plus 488-conjugated TRIM25 Recombinant monoclonal antibody

Catalog Number: CL488-85919



## Basic Information

Catalog Number:

CL488-85919

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29325

GenBank Accession Number:

BC016924

GeneID (NCBI):

7706

UNIPROT ID:

Q14258

Full Name:

tripartite motif-containing 25

Calculated MW:

630 aa, 71 kDa

Observed MW:

71 kDa

Purification Method:

Protein A purification

CloneNo.:

250176H6

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 : A549 cells,

## Background Information

TRIM25 (tripartite motif-containing 25) is also named as EFP, Z147, ZNF147, RNF147 and belongs to the zinc finger protein family and tripartite motif (TRIM) family. It induces the Lys63-linked ubiquitination of RIG-I, which is crucial for the cytosolic RIG-I signalling pathway to elicit host antiviral innate immunity (PMID:17392790). It is also essential not only for DDX58 ubiquitination but also for DDX58-mediated interferon-production and antiviral activity in response to RNA virus infection (PMID: 17392790). TRIM25 can be detected in both the cytoplasmic and nuclear (PMID: 33966039).

## 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:

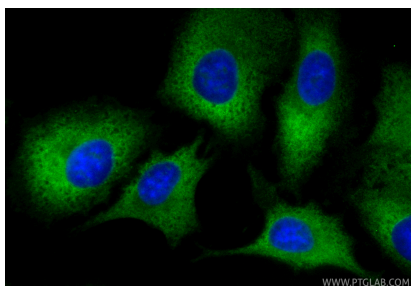
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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 (-20°C Methanol) fixed A549 cells using CoraLite® Plus 488 TRIM25 antibody (CL488-85919, Clone: 250176H6 ) at dilution of 1:200.