

# CoraLite® Plus 488-conjugated TRIM25 Monoclonal antibody

Catalog Number: **CL488-67314**

## Basic Information

Catalog Number:

CL488-67314

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

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:

68-71 kDa

Purification Method:

Protein G purification

CloneNo.:

1H6G1

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

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).

## Storage

Storage:

Store at -20°C. Avoid exposure to light.

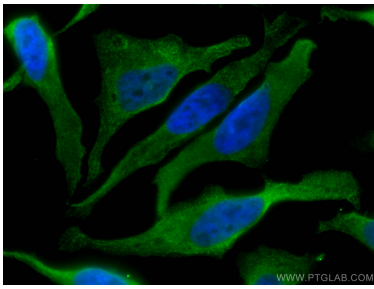
Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 488-conjugated TRIM25 antibody (CL488-67314, Clone: 1H6G1) at dilution of 1:100.