

For Research Use Only

CoraLite® Plus 488-conjugated TDRD3 Polyclonal antibody



Catalog Number: CL488-13359

Featured Product

Basic Information

Catalog Number:

CL488-13359

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4174

GenBank Accession Number:

BC030514

GeneID (NCBI):

81550

UNIPROT ID:

Q9H7E2

Full Name:

tudor domain containing 3

Calculated MW:

651 aa, 73 kDa

Observed MW:

73 kDa, 83 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

Background Information

TDRD3 (Tudor domain-containing protein 3) contains tudor domain which is an approximately 60-amino acid structure motif. TDRD3 functions as a scaffolding protein that specifically recognizes and binds dimethylarginine-containing proteins. TDRD3 is a transcriptional coactivator that promotes transcription by binding methylarginine marks on histone tails. TDRD3 also possesses an oligosaccharide/nucleotide binding fold and an ubiquitin associated domain capable of binding tetra-ubiquitin, and it is reported to associate with polyribosomes in HeLa cells.

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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

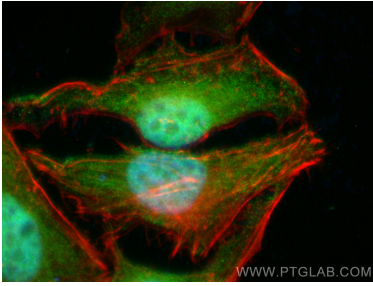
T: 4006900926

E: Proteintech-CN@ptglab.com

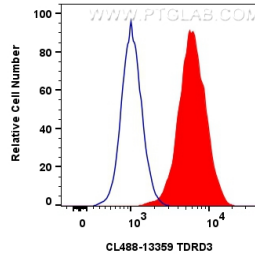
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 TDRD3 antibody (CL488-13359) at dilution of 1:200, CL594-Phalloidin (red).



1x10⁶ HEK-293 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Tdrd3 Polyclonal Antibody (CL488-13359)(red), or 0.8 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).