

For Research Use Only

# CoraLite® Plus 488-conjugated DIDO1 Polyclonal antibody



Catalog Number:CL488-10183

## Basic Information

Catalog Number:

CL488-10183

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0237

GenBank Accession Number:

BC000770

GeneID (NCBI):

11083

UNIPROT ID:

Q9BTC0

Full Name:

death inducer-obliterator 1

Calculated MW:

59 kDa

Observed MW:

300-350 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 : HepG2 cells,

## Background Information

DIDO1, also termed DATF-1, C20orf158, DATF1, KIAA0333 and DIO-1, is a putative transcription factor, weakly proapoptotic when overexpressed. It is a tumor suppressor. In mice, DIDO1 is upregulated by apoptotic signals and encodes a cytoplasmic protein that translocates to the nucleus upon apoptotic signal activation. When overexpressed, the mouse protein induced apoptosis in cell lines growing in vitro. The human DIDO1 is similar to the mouse gene and therefore is thought to be involved in apoptosis.

## 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:

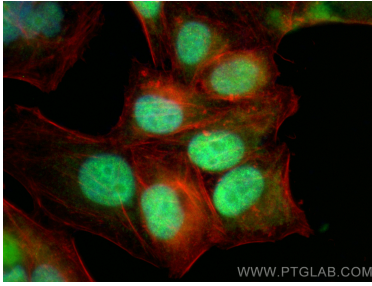
T: 4006900926

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

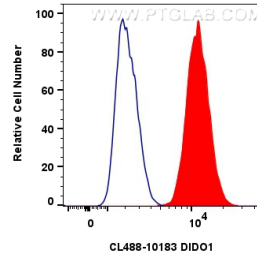
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite® Plus 488 DIDO1 antibody (CL488-10183) at dilution of 1:200, CL594-Phalloidin (red).



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.8 ug Coralite® Plus 488 Dido1 Polyclonal Antibody (CL488-10183)(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).