

For Research Use Only

# CoraLite® Plus 488-conjugated DDO1 Polyclonal antibody

Catalog Number:CL488-10183



## Basic Information

<b>Catalog Number:</b> CL488-10183	<b>GenBank Accession Number:</b> BC000770	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11083	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BTC0	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> death inducer-obliterator 1	
<b>Immunogen Catalog Number:</b> AG0237	<b>Calculated MW:</b> 59 kDa	
	<b>Observed MW:</b> 300-350 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, FC (Intra)	<b>Positive Controls:</b> IF/ICC : HepG2 cells,
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

DDO1, also termed DATF-1, C20orf158, DATF1, KIAA0333 and DIO-1, is a putative transcription factor, weakly pro-apoptotic when overexpressed. It is a tumor suppressor. In mice, DDO1 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 DDO1 is similar to the mouse gene and therefore is thought to be involved in apoptosis.

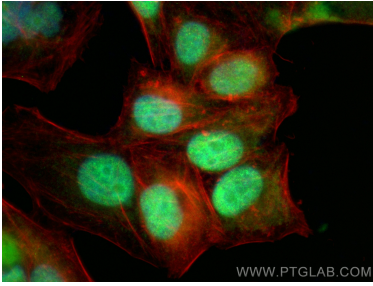
## Storage

**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

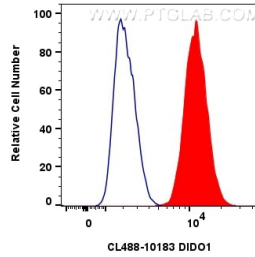
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed 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).