

For Research Use Only

# CoraLite® Plus 488-conjugated DDX39A Recombinant antibody

Catalog Number: CL488-83083-5

Featured Product



## Basic Information

### Catalog Number:

CL488-83083-5

### Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2311

### GenBank Accession Number:

BC032128

### GeneID (NCBI):

10212

### UNIPROT ID:

O00148

### Full Name:

DEAD (Asp-Glu-Ala-Asp) box polypeptide 39

### Calculated MW:

427 aa, 49 kDa

### Observed MW:

50 kDa

### Purification Method:

Protein A purification

### CloneNo.:

230375F9

### 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

### Positive Controls:

IF/ICC : HepG2 cells,

## Background Information

DDX39A, also named the BAT1 protein, contains the nine conserved motifs that characterize the DEAD-box family of RNA-binding proteins. The family includes proteins found in all eukaryotic cell types, with considerable divergence in the sequences lying between the conserved motifs. Some of the motifs were known before the definition of the family and are responsible for binding to mRNA or ATP, or possess ATPase activity. Phylogenetic analyses have grouped BAT1 with the defining member of the DEAD-box family, eIF-4. This is a translation initiation factor required for the dissociation of stem/loop structures in mRNA at the ribosomes.

## 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

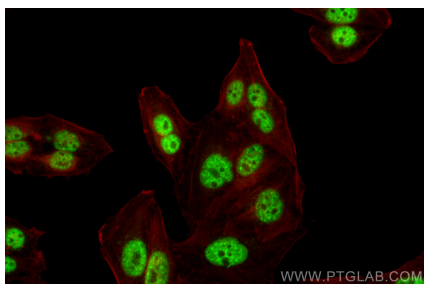
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

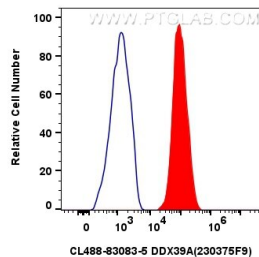
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 DDx39A antibody (CL488-83083-5, Clone: 230375F9) at dilution of 1:200.



1x10<sup>6</sup> Jurkat cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Ddx39a Recombinant Antibody (CL488-83083-5, Clone:230375F9)(red), or 0.8 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).