

For Research Use Only

# CoraLite® Plus 488-conjugated DDX46 Recombinant monoclonal antibody

Catalog Number: CL488-85065-3



## Basic Information

Catalog Number:	CL488-85065-3	GenBank Accession Number:	BC012304	Purification Method:	Protein A purification
Source:	Rabbit	GenID (NCBI):	9879	CloneNo.:	242715E10
Isotype:	IgG	UNIPROT ID:	Q7L014	Recommended Dilutions:	IF/ICC: 1:50-1:500
Immunogen Catalog Number:	AG10342	Full Name:	DEAD (Asp-Glu-Ala-Asp) box polypeptide 46	Excitation/Emission maxima wavelengths:	493 nm / 522 nm
		Calculated MW:	1031 aa, 117 kDa		
		Observed MW:	140 kDa		

## Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : HeLa cells,
Species Specificity:	

human, mouse, rat

## Background Information

DDX46, also named as KIAA0801, is a 1031 amino acid protein, which belongs to the DEAD box helicase family. DDX46 has been shown to be required at the early step of pre-spliceosome assembly. It uses the energy released by the hydrolysis of ATP to rearrange local RNA-RNA or protein-RNA interactions. The nuclear DDX46 acted as a negative regulator of the antiviral innate response by recruiting the m6A'eraser' ALKBH5 to induce retention of antiviral innate mRNA in the nucleus.

## 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, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

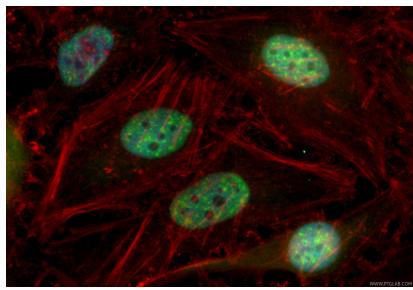
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 HeLa cells using CoraLite® Plus 488 DDX46 antibody (CL488-85065-3, Clone: 242715E10) at dilution of 1:200, CL594-phalloidin (red).