

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	GeneID (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: IF/ICC	Positive Controls: 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:

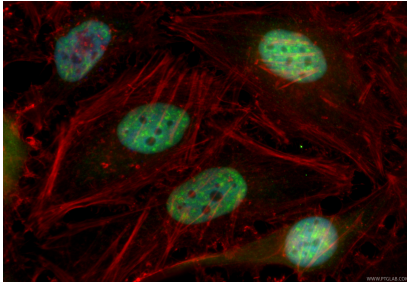
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 DDX46 antibody (CL488-85065-3, Clone: 242715E10) at dilution of 1:200, CL594-phalloidin (red).