For Research Use Only

CoraLite® Plus 488-conjugated DDX1 Monoclonal antibody

Antibodies | ELISA kits | Proteins WWW.ptglab.com

Catalog Number: CL488-67991

Basic Information	Catalog Number: CL488-67991	GenBank Accession Number: BC012132	Purification Method: Protein G purification			
	Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; Source: Mouse Isotype: IgG1	GenelD (NCBI): 1653	CloneNo.: 1G10G4			
		Full Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 1 Calculated MW: 740 aa, 82 kDa	Excitation/Emission maxima wavelengths: 488 nm / 515 nm			
				Immunogen Catalog Number: AG16774	Observed MW: 82 kDa	
				Applications	Tested Applications: FC (Intra)	
	Species Specificity: Human, mouse, rat					
Background Information	DDX1 is a DEAD box protein, which is putative RNA helicases with a characteristic asp-glu-ala-asp (DEAD) box motif DEAD box proteins involve in translation initiation, splicing, and ribosome and spliceosome assembly by altering RNA secondary structure. As a RNA helicase, DDX1 has a role in RNA clearance at DNA double-strand breaks (DSBs), thereby facilitating the template-guided repair of transcriptionally active regions of the genome.					
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 $^{\circ}$ C storage					
*** 20ul sizes contain 0.1% BSA						

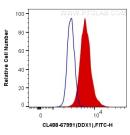
 For technical support and original validation data for this product please contact:

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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



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human DDX1 (CL488-67991, Clone:1G10G4) (red), or 0.4 ug x. Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.