

For Research Use Only

CoraLite® Plus 488-conjugated DDX3 Monoclonal antibody



Catalog Number:CL488-67915

Basic Information

Catalog Number: CL488-67915	GenBank Accession Number: BC011819	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1654	CloneNo.: 1D3A1
Source: Mouse	Full Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Isotype: IgG2b	Calculated MW: 73 kDa	
Immunogen Catalog Number: AG29972	Observed MW: 71-73 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human, Rat

Background Information

DDX3X, also named DBX, DDX3, and HLP2, belongs to the DEAD-box helicase family and DDX3/DED1 subfamily. It is ATP-dependent RNA helicase. DDX3X acts as a cofactor for XPO1-mediated nuclear export of incompletely spliced HIV-1 Rev RNAs. It is also involved in HIV-1 replication. DDX3X interacts specifically with hepatitis C virus core protein resulting in a change in intracellular location. 73kd is the target band. 60-65kd is some other isoform. This antibody can bind both DDX3X and DDX3Y for the close sequences.

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.

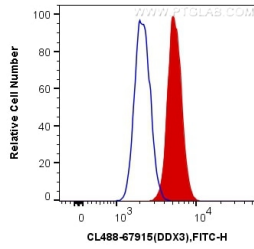
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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 W: ptglab.com

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

Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human DDX3 (CL488-67915, Clone:1D3A1) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL488-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).