

For Research Use Only

# DDX3 Monoclonal antibody, PBS Only

Catalog Number: 67915-1-PBS



## Basic Information

Catalog Number:

67915-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG29972

GenBank Accession Number:

BC011819

GeneID (NCBI):

1654

UNIPROT ID:

O00571

Full Name:

DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked

Calculated MW:

73 kDa

Observed MW:

71-73 kDa

Purification Method:

Protein A purification

CloneNo.:

1D3A1

## Applications

Tested Applications:

Indirect ELISA, IHC, WB

Species Specificity:

rat, human

## 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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

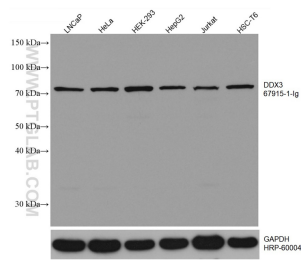
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

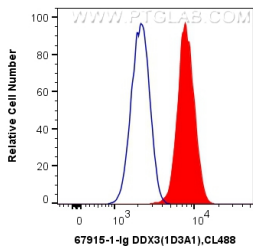
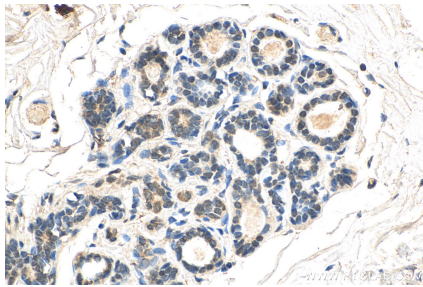
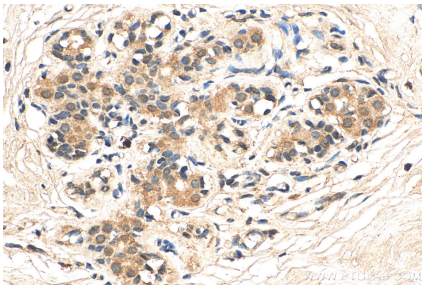
W: [ptgcn.com](http://ptgcn.com)

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67915-1-Ig (DDX3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 67915-1-PBS in a different storage buffer formulation.



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.5 ug Anti-Human DDX3 (67915-1-Ig, Clone:1D3A1) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.5 ug Mouse IgG2b Isotype Control (66360-3-Ig, Clone: K11B8C4B5) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 67915-1-PBS in a different storage buffer