

# Product Datasheet

## DDX3 Antibody (3B9E3) - BSA Free NBP2-52457

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 4/15/2024 v.20.1

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**NBP2-52457**

DDX3 Antibody (3B9E3) - BSA Free

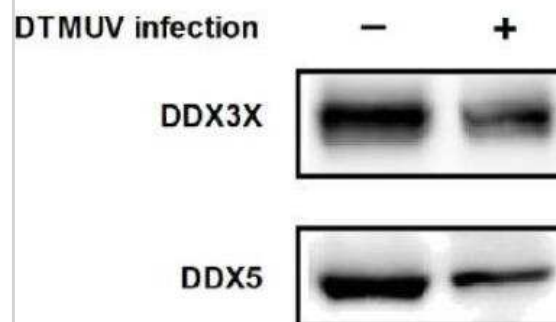
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3B9E3
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	73.2 kDa

Product Description	
Host	Mouse
Gene ID	1654
Gene Symbol	DDX3X
Species	Human, Mouse, Rat, Hamster, Monkey
Reactivity Notes	Hamster reactivity reported in scientific literature (PMID: 28516729).
Immunogen	Purified recombinant fragment of human DDX3 (AA: 518-661) expressed in E. Coli.

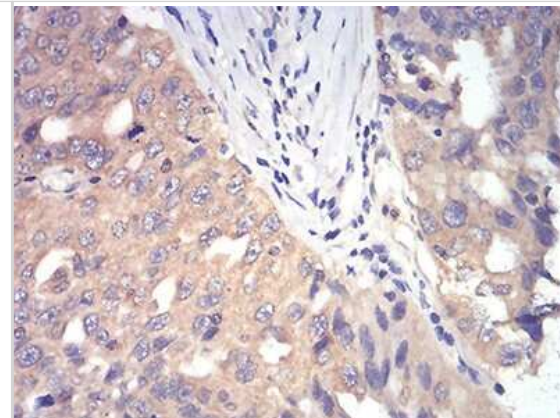
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunocytochemistry, Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000, Immunofluorescence, Immunocytochemistry 1:200-1:1000, CyTOF-ready
Application Notes	This antibody is Cytof ready. Western blot reported from a verified customer review.

**Images**

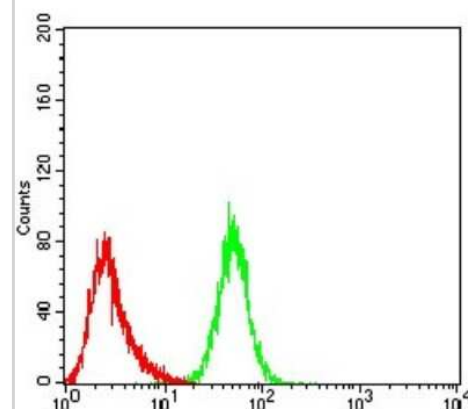
Western Blot: DDX3 Antibody (3B9E3) [NBP2-52457] - Analysis of DDX3X, DDX5 protein expression levels by Western blot in DTMUV-infected and control baby hamster kidney cell line BHK-21. From a verified customer review.



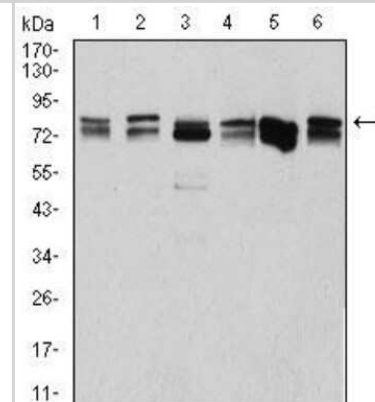
Immunohistochemistry: DDX3 Antibody (3B9E3) [NBP2-52457] - Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using DDX3X mouse mAb with DAB staining.



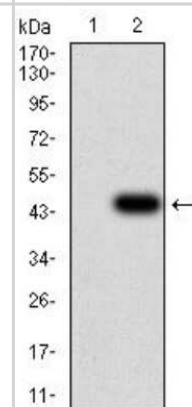
Flow Cytometry: DDX3 Antibody (3B9E3) [NBP2-52457] - Analysis of HepG2 cells using DDX3X mouse mAb (green) and negative control (red).



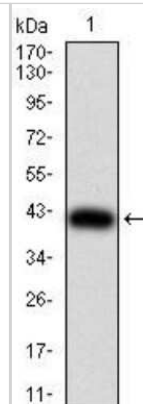
Western Blot: DDX3 Antibody (3B9E3) [NBP2-52457] - Analysis using DDX3X mouse mAb against Hela (1), NIH3T3 (2), C6 (3), COS7 (4), A431 (5), and HEK293 (6) cell lysate.



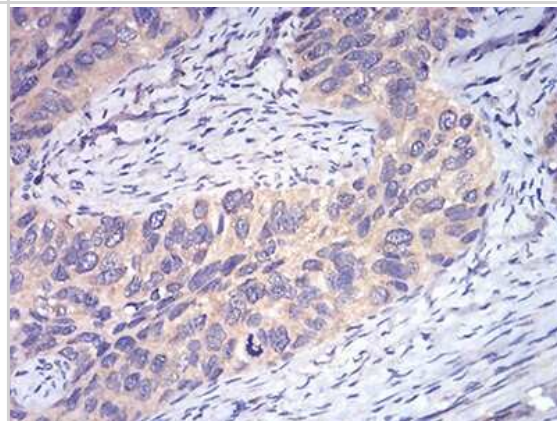
Western Blot: DDX3 Antibody (3B9E3) [NBP2-52457] - Analysis using DDX3X mAb against HEK293 (1) and DDX3X (AA: 518-661)-hIgGFc transfected HEK293 (2) cell lysate.



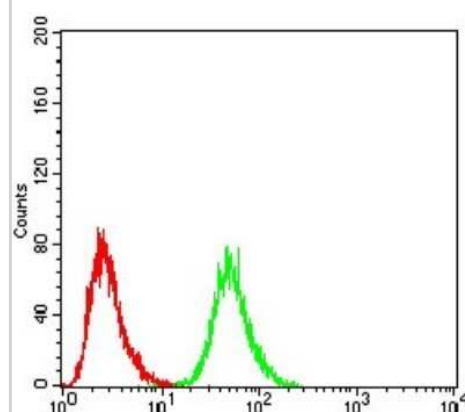
Western Blot: DDX3 Antibody (3B9E3) [NBP2-52457] - Analysis using DDX3X mAb against human DDX3X (AA: 518-661) recombinant protein. (Expected MW is 41.4 kDa)



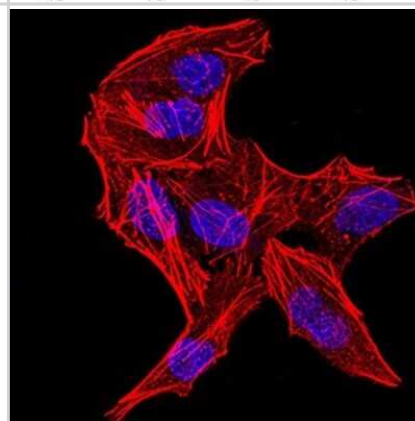
Immunohistochemistry: DDX3 Antibody (3B9E3) [NBP2-52457] - Analysis of paraffin-embedded cervical cancer tissues using DDX3X mouse mAb with DAB staining.



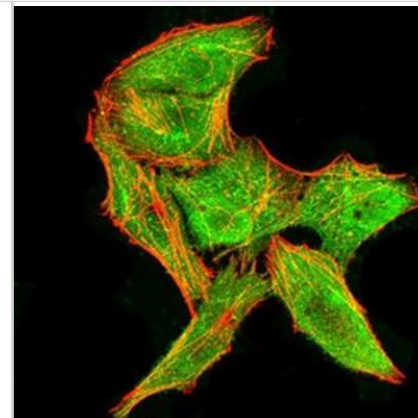
Flow Cytometry: DDX3 Antibody (3B9E3) [NBP2-52457] - Analysis of HeLa cells using DDX3X mouse mAb (green) and negative control (red).



Immunofluorescence: DDX3 Antibody (3B9E3) [NBP2-52457] - Analysis of HeLa cells using DDX3X mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Immunofluorescence: DDX3 Antibody (3B9E3) [NBP2-52457] - Immunofluorescence analysis of Hela cells using DDX3X mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



## Publications

Sun X, Wang S, Lin X et al. Proteome analysis of Duck Tembusu virus (DTMUV)-infected BHK-21 cells. Proteomics 2017-06-20 [PMID: 28516729] (WB, Hamster)



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### **Products Related to NBP2-52457**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
H00001654-Q01-10ug	Recombinant Human DDX3 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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