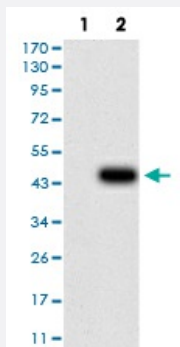


DDX3X monoclonal antibody, clone 3B9G8

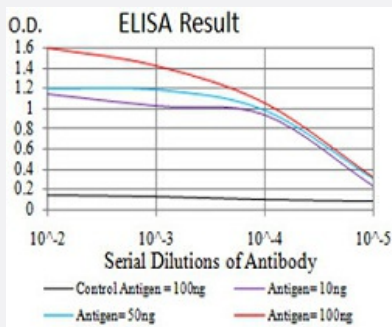
Catalog # MAB17182 Size 100 ug

Applications



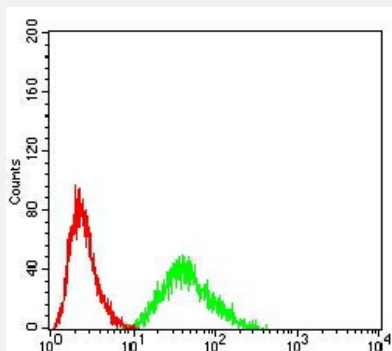
Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) DDX3X-hlgFc transfected HEK293 cell lysate.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of DDX3X monoclonal antibody, clone 3B9G8.



Flow Cytometry

Flow cytometric analysis of HeLa cells with DDX3X monoclonal antibody (green) and negative control (red).

Specification

Product Description

Mouse monoclonal antibody raised against recombinant human DDX3X.

Immunogen	Recombinant protein corresponding to amino acid 518-661 of human DDX3X from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	73.2kDa
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) DDX3X-hlgGfc transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

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- Flow Cytometry

Flow cytometric analysis of HeLa cells with DDX3X monoclonal antibody (green) and negative control (red).

Gene Info — DDX3X

Entrez GeneID	1654
Gene Name	DDX3X
Gene Alias	DBX, DDX14, DDX3, HLP2

Gene Description	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked
Omim ID	300160
Gene Ontology	Hyperlink
Gene Summary	<p>DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which interacts specifically with hepatitis C virus core protein resulting a change in intracellular location. This gene has a homolog located in the nonrecombining region of the Y chromosome. The protein sequence is 91% identical between this gene and the Y-linked homolog. [provided by RefSeq]</p>
Other Designations	ATP-dependent RNA helicase DDX3X CAP-Rf DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 3 DEAD/H box-3 helicase like protein 2

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)