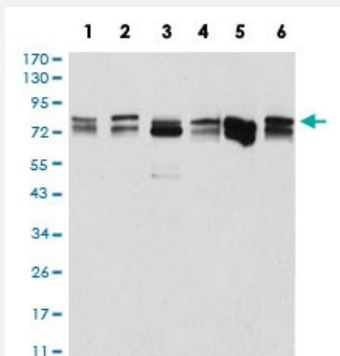


DDX3X monoclonal antibody, clone 3B9E3

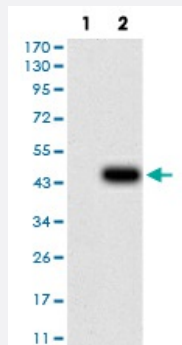
Catalog # MAB17181 Size 100 ug

Applications



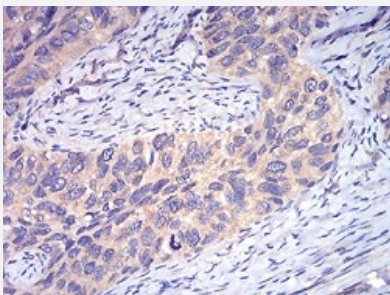
Western Blot (Cell lysate)

Western blot analysis of Lane 1: HeLa cell; Lane 2: NIH3T3 cell; Lane 3: C6 cell; Lane 4: COS-7 cell; Lane 5: A431 cell; Lane 6: HEK293 cell with DDX3X monoclonal antibody.



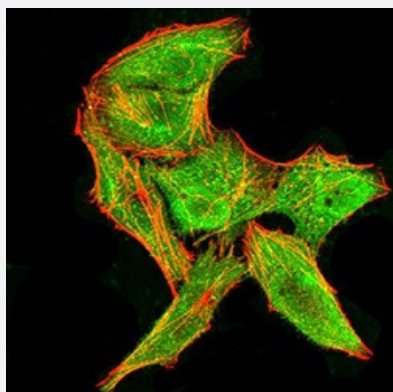
Western Blot (Transfected lysate)

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



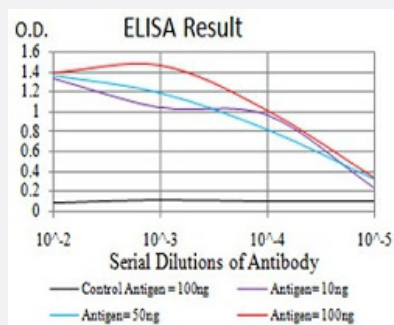
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded cervical cancer tissues with DDX3X monoclonal antibody.



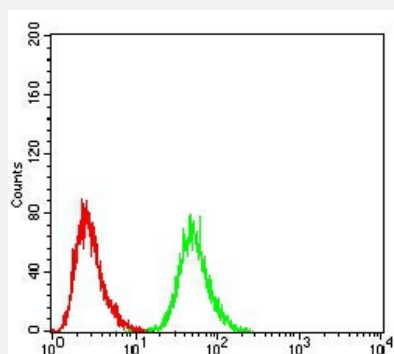
Immunocytochemistry

Immunocytochemical staining of HeLa cells with DDX3X monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor-555 phalloidin (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of DDX3X monoclonal antibody, clone 3B9E3.



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, Monkey, Mouse, Rat
Form	Liquid
Isotype	IgG2a

Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) Immunocytochemistry (1:200-1:1000) 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 (Cell lysate)

Western blot analysis of Lane 1: HeLa cell; Lane 2: NIH3T3 cell; Lane 3: C6 cell; Lane 4: COS-7 cell; Lane 5: A431 cell; Lane 6: HEK293 cell with DDX3X monoclonal antibody.

- Western Blot (Transfected lysate)

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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded cervical cancer tissues with DDX3X monoclonal antibody.

- Immunocytochemistry

Immunocytochemical staining of HeLa cells with DDX3X monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor- 555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of DDX3X monoclonal antibody, clone 3B9E3.

- 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](#)