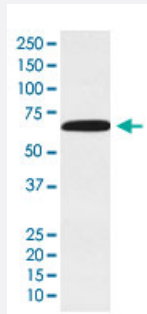


# DDX5 monoclonal antibody, clone ADBC-4

Catalog # MAB22072      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of HeLa cell lysate.

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic protein of human DDX5.
<b>Immunogen</b>	A synthetic peptide corresponding to human DDX5.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	This antibody reacts with human, mouse, rat DDX5, in native form and recombinant. Superfamily members of DDX5 are not reactive to antibody.
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG

<b>Recommend Usage</b>	Flow Cytometry (1:50) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200) Immunofluorescence (1:50-200) Immunocytochemistry (1:50-200) Immunoprecipitation (1:50) Western Blot (1:1000-5000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 (cell lysate) analysis of HeLa cell lysate.
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry

## Gene Info — DDX5

<b>Entrez GeneID</b>	<a href="#">1655</a>
<b>Protein Accession#</b>	<a href="#">P17844</a>
<b>Gene Name</b>	DDX5
<b>Gene Alias</b>	DKFZp434E109, DKFZp686J01190, G17P1, HLR1, HUMP68, p68
<b>Gene Description</b>	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5

Omim ID [180630](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

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 is a RNA-dependent ATPase, and also a proliferation-associated nuclear antigen, specifically reacting with the simian virus 40 tumor antigen. This gene consists of 13 exons, and alternatively spliced transcripts containing several intron sequences have been detected, but no isoforms encoded by these transcripts have been identified. [provided by RefSeq]

**Other Designations**

ATP-dependent RNA helicase DDX5|DEAD box-5|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 5 (RNA helicase, 68kD)

## Disease

- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)