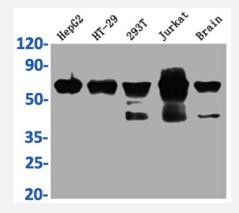


RecomAb™

# DDX5 recombinant monoclonal antibody, clone 2C3

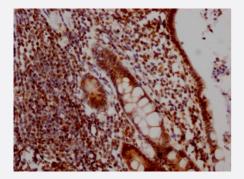
Catalog # RAB04125 Size 100 uL

## **Applications**



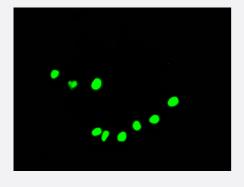
### Western Blot

Western Blot analysis of Lane 1: HepG2 whole cell lysate; Lane 2: HT-29 whole cell lysate; Lane 3: 293T whole cell lysate; Lane 4: Jurkat whole cell lysate; Lane 5: Mouse brain tissue.



### **Immunohistochemistry**

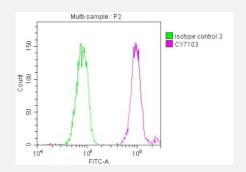
Immunohistochemistry image of DDX5 recombinant monoclonal antibody, clone 2C3 diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system.



### Immunofluorescence

Immunofluorescence staining of HepG2 Cells with DDX5 recombinant monoclonal antibody, clone 2C3 at 1:50, counter-stained with DAPI.





## Flow Cytometry

Overlay histogram showing Hela cells stained with DDX5 recombinant monoclonal antibody, clone 2C3 (red line) at 1:50.

Specification	
Product Description	Rabbit recombinant monoclonal antibody raised against human and mouse DDX5.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human DDX5.
Reactivity	Human, Mouse
Form	Liquid
Purification	Affinity-chromatography
Isotype	lgG
Recommend Usage	ELISA
	Flow Cytometry (1:20-1:200)
	Immunohistochemistry (1:50-1:200)
	Immunofluorescence(1:20-1:200)
	Western Blot (1:500-1:5000)
	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20°C or -80°C.
	Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul
	d be handled by trained staff only.

# **Applications**



#### Western Blot

Western Blot analysis of Lane 1: HepG2 whole cell lysate; Lane 2: HT-29 whole cell lysate; Lane 3: 293T whole cell lysate; Lane 4: Jurkat whole cell lysate; Lane 5: Mouse brain tissue.

### Immunohistochemistry

Immunohistochemistry image of DDX5 recombinant monoclonal antibody, clone 2C3 diluted at 1:100 and staining in paraffinembedded human colon cancer performed on a Leica BondTM system.

#### Immunofluorescence

Immunofluorescence staining of HepG2 Cells with DDX5 recombinant monoclonal antibody, clone 2C3 at 1:50, counter-stained with DAPI.

- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

Overlay histogram showing Hela cells stained with DDX5 recombinant monoclonal antibody, clone 2C3 (red line) at 1:50.

Gene Info — DDX5	
Entrez GenelD	<u>1655</u>
Protein Accession#	<u>P17844</u>
Gene Name	DDX5
Gene Alias	DKFZp434E109, DKFZp686J01190, G17P1, HLR1, HUMP68, p68
Gene Description	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5
Omim ID	180630
Gene Ontology	<u>Hyperlink</u>
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 ribosom e and spliceosome assembly. Based on their distribution patterns, some members of this family a re 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 prolifera tion-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 sequenc es have been detected, but no isoforms encoded by these transcripts have been identified. [provi ded by RefSeq



## **Product Information**

**Other Designations** 

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

### Disease

- Disease Progression
- Genetic Predisposition to Disease
- Hepatitis C
- Kidney Failure
- Liver Cirrhosis