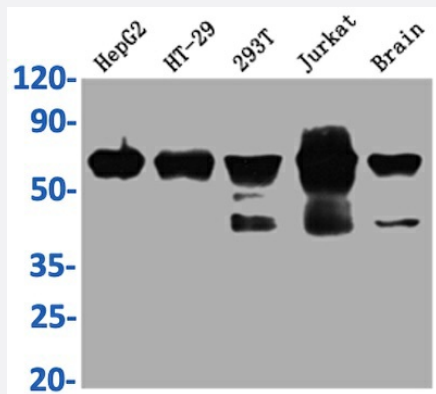


RecomAb™

DDX5 recombinant monoclonal antibody, clone 2C3

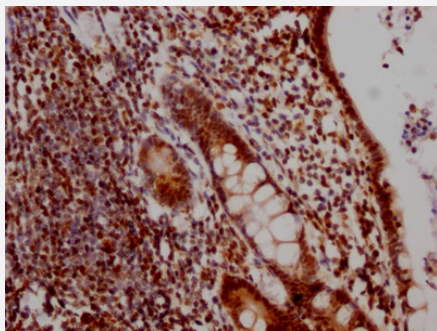
Catalog # RAB04125 Size 100 uL

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.



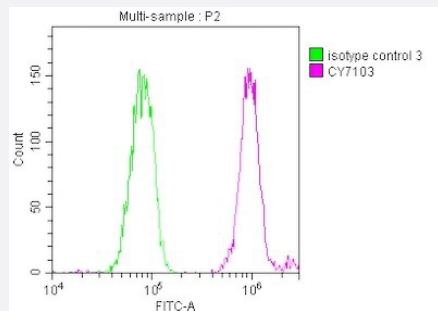
Immunohistochemistry

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 Bond™ 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	IgG
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 should 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 paraffin-embedded human colon cancer performed on a Leica Bond™ 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 GeneID [1655](#)

Protein Accession# [P17844](#)

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 [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](#)