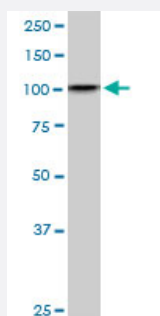


DDX11 monoclonal antibody (M03), clone 3C1

Catalog # H00001663-M03

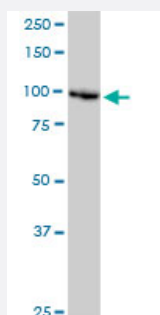
Size 100 ug

Applications



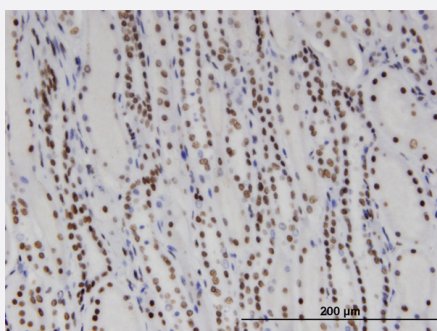
Western Blot (Tissue lysate)

DDX11 monoclonal antibody (M03), clone 3C1. Western Blot analysis of DDX11 expression in human liver.



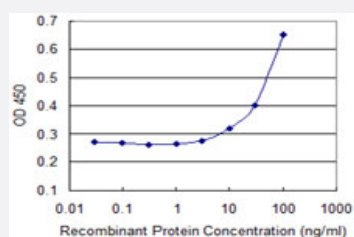
Western Blot (Cell lysate)

DDX11 monoclonal antibody (M03), clone 3C1. Western Blot analysis of DDX11 expression in HeLa (Cat # L013V1).



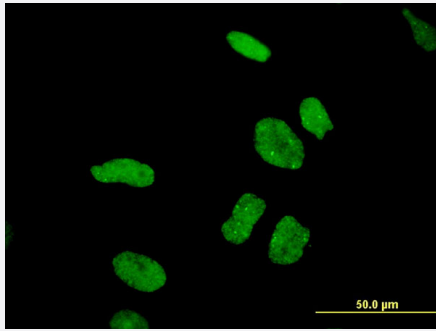
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to DDX11 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



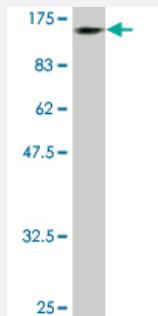
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DDX11 is 3 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to DDX11 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (132.46 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant DDX11.

Immunogen

DDX11 (AAH11264, 1 a.a. ~ 970 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MANETQKVGAIHFPFPFTPYSIQEDFMAELYRVLEAGKIGIFESPTGTGKSLSLICGALSWLRDFEQ
KKREEEARLLETGTGPLHDEKDESLCLSSSCEGAAGTPRPAGEPAWVTQFVQKKEERDLVDRL
KAEQARRKQREERLQQLQHRVQLKYAAKRLRQEEEEERENLLRLSREMLETGPEAERLEQLESGE
EELVLAEYESDEEEKKVASRVDEDEDDLEEEHITKIYCSRTHSQAQFVHEVKKSPFGKDVRLVS
LGSRQNLVCVNEDVKSLGSLVQLINDRCVDMQRSRHEKKKGAEEEKPKRRRQEKQAACPFYNHEQ
MGLLRDEALAEVKDMEQLLALGKEARACPYGSRIPAQAQLVLPYQMLLHAATRQAAGIRLQD
QVVIIDEAHNLIDTTGMHSVEVSGSQLCQAHSQQLQYVERYGKRLKAKNLMYLKQILYLLKQFVAVL
GGNIKQNPNTQSLSQGTGTELKTINDFLFQSQIDNINLFKVQRYCEKSMISRKLFGFTERYGAVFSSR
EQPKLAGFQQFLQSLQPRTEALAAPADESQASTLRPASPLMHIQGFLAALTANQDGRVILSRQ
GSLSQSTLKFLLLNPVHFAQVVEKCRVVIAGGTMQPVSDFRQQLACAGVEAERVVEFSCGH
VIPPDNILPLVICSGISNQPLEFTFQKRELPMQMMDEVGRILCNLCGVVPGGVVCFPPSYEYLRQVHA
HWEKGGLLGRLAARKKIFQEPKSAHQVEQVLLAYSRCIQACGQERGQVTGALLSVVGGKMSEG
INFSDNLGRCVVMVGMPFPNIRSAELQEKMAYLDQTLSPRPGTPREGSGGEPVHEGRQPVHRQ
GHQAPEGFCQRSAPGPAICPAPCPGQAAGLDPSPCGGQSYLWPRHCCCAEVSPGEVGLFLMG
NHATAWRRALPLSCPLETVFVVGVVCGDPVTKVKPRRRVWSPECCQDPGTGVSSRRRKWGNP
E

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (76)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (132.46 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

DDX11 monoclonal antibody (M03), clone 3C1. Western Blot analysis of DDX11 expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

DDX11 monoclonal antibody (M03), clone 3C1. Western Blot analysis of DDX11 expression in HeLa(Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to DDX11 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — DDX11

Entrez GeneID [1663](#)**GeneBank Accession#** [BC011264](#)**Protein Accession#** [AAH11264](#)**Gene Name** DDX11**Gene Alias** CHL1, CHLR1, KRG2, MGC133249, MGC9335**Gene Description** DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 11 (CHL1-like helicase homolog, *S. cerevisiae*)**Omim ID** [601150](#)**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 an enzyme that possesses both ATPase and DNA helicase activities. This gene is a homolog of the yeast CHL1 gene, and may function to maintain chromosome transmission fidelity and genome stability. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations CHL1-related helicase gene-1|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 11|keratinocyte growth factor-regulated gene 2