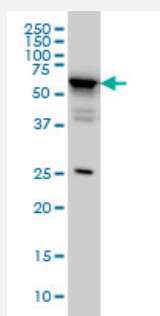


DDX56 monoclonal antibody (M05), clone 4C5

Catalog # H00054606-M05

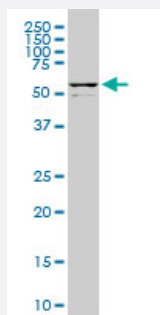
Size 100 ug

Applications



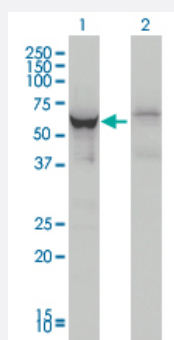
Western Blot (Cell lysate)

DDX56 monoclonal antibody (M05), clone 4C5 Western Blot analysis of DDX56 expression in HeLa (Cat # L013V1).



Western Blot (Cell lysate)

DDX56 monoclonal antibody (M05), clone 4C5. Western Blot analysis of DDX56 expression in PC-12 (Cat # L012V1).

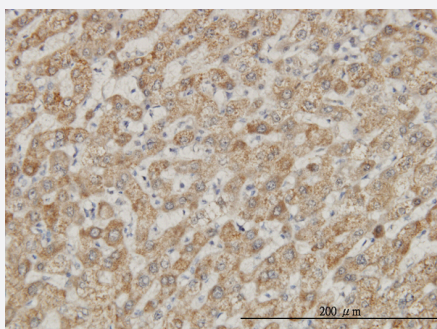


Western Blot (Transfected lysate)

Western Blot analysis of DDX56 expression in transfected 293T cell line by DDX56 monoclonal antibody (M05), clone 4C5.

Lane 1: DDX56 transfected lysate(62 KDa).

Lane 2: Non-transfected lysate.

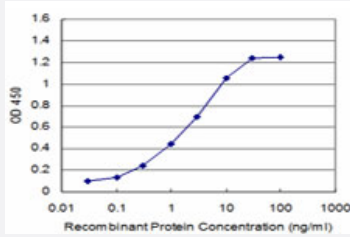


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to DDX56 on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]

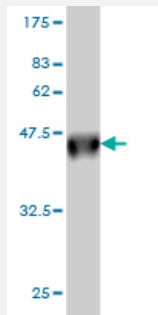
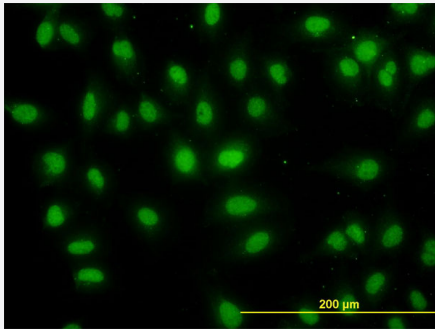
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DDX56 is approximately 0.1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to DDX56 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DDX56.
Immunogen	DDX56 (NP_061955, 450 a.a. ~ 547 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	IKEELLHSEKLKTYFEDNPRDLQLLRHDLPLHPAVVKPHLGHVDPDYLVPALRGLVRPHKKRKKLS SSCRKAKRAKSQNPLRSFKHKGKKFRPTAKPS
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (90); Rat (90)
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.52 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 (Cell lysate)

DDX56 monoclonal antibody (M05), clone 4C5 Western Blot analysis of DDX56 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

DDX56 monoclonal antibody (M05), clone 4C5. Western Blot analysis of DDX56 expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of DDX56 expression in transfected 293T cell line by DDX56 monoclonal antibody (M05), clone 4C5.

Lane 1: DDX56 transfected lysate(62 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to DDX56 on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DDX56 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to DDX56 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — DDX56

Entrez GeneID [54606](#)

GeneBank Accession# [NM_019082](#)

Protein Accession# [NP_061955](#)

Gene Name DDX56

Gene Alias DDX21, DDX26, NOH61

Gene Description DEAD (Asp-Glu-Ala-Asp) box polypeptide 56

Omim ID [608023](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the DEAD box protein family. 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. The protein encoded by this gene shows ATPase activity in the presence of polynucleotides and associates with nucleoplasmic 65 S preribosomal particles. This gene may be involved in ribosome synthesis, most likely during assembly of the large 60S ribosomal subunit. [provided by RefSeq]

Other Designations 61-kd nucleolar helicase|DEAD-box RNA helicase|putative nucleolar RNA helicase