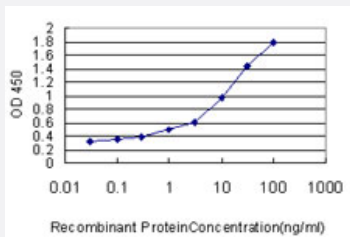


# DDX20 monoclonal antibody (M01), clone 5H5

Catalog # H00011218-M01

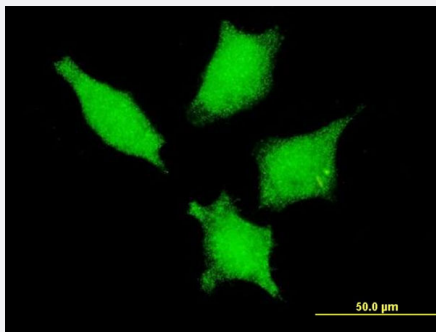
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DDX20 is approximately 0.3ng/ml as a capture antibody.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to DDX20 on HeLa cell . [antibody concentration 10 ug/ml]

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant DDX20.
<b>Immunogen</b>	DDX20 (NP_009135, 725 a.a. ~ 824 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	EGASQRAKQSRRLPRRSSFRLQTEAQEDDWYDCHREIRLSFSDTYQDYEEYWRAYYRAWQEY YAAASHSYWNAQRHPSWMAAYHMTIYLQEMMHSNQ
<b>Host</b>	Mouse
<b>Reactivity</b>	Human

**Interspecies Antigen Sequence**

Mouse (82); Rat (83)

**Isotype**

IgG2a Kappa

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.

**Storage Buffer**

In 1x PBS, pH 7.4

**Storage Instruction**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DDX20 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to DDX20 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — DDX20

**Entrez GeneID**[11218](#)**GeneBank Accession#**[NM\\_007204](#)**Protein Accession#**[NP\\_009135](#)**Gene Name**

DDX20

**Gene Alias**

DKFZp434H052, DP103, GEMIN3

**Gene Description**

DEAD (Asp-Glu-Ala-Asp) box polypeptide 20

**Omim ID**[606168](#)**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 has an ATPase activity and is a component of the survival of motor neurons (SMN) complex. This protein interacts directly with SMN, the spinal muscular atrophy gene product, and may play a catalytic role in the function of the SMN complex on RNPs. [provided by RefSeq]

**Other Designations**

DEAD-box protein DP103|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 20, 103kD|OTTHUM P00000013738|SMN-interacting protein

**Disease**

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Neoplasms](#)
- [Neoplasm Recurrence](#)
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