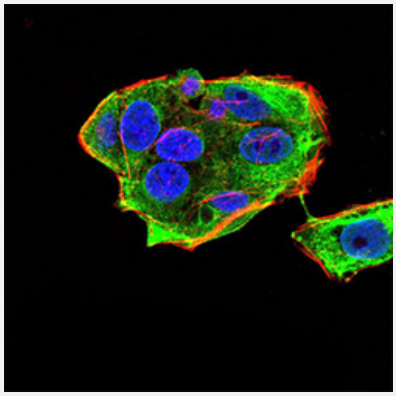
DDX20 monoclonal antibody, clone 1C9F6

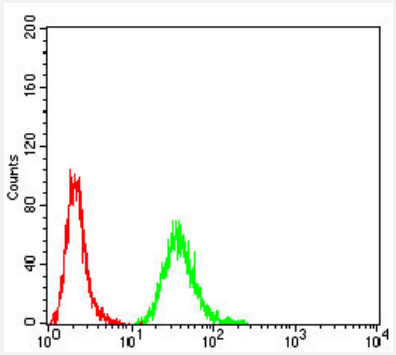
Catalog # MAB17293 Size 100 ug

Applications



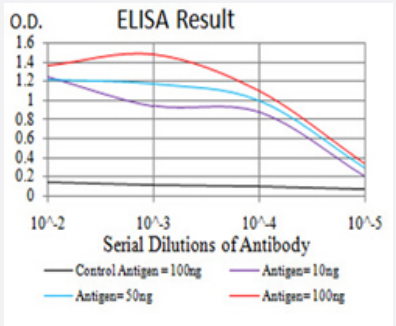
Immunofluorescence

Immunofluorescent staining of HeLa cell line with antibody (green). DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow Cytometry

Flow cytometric analysis of HeLa cells using DDX20 mouse monoclonal antibody (green) and negative control (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of DDX20 monoclonal antibody.

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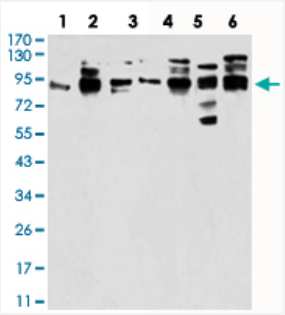
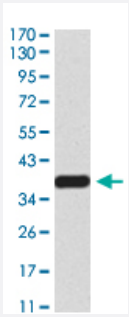


Western Blot

Western Blot analysis of (1) Jurkat, (2) HeLa, (3) NTERA-2, (4) HL7702, (5) K562, and (6) C6 cell lysate.



Western Blot

Western Blot analysis of human DDX20 recombinant protein.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human DDX20.
Immunogen	Recombinant protein corresponding to amino acids 725-824 of of human DDX20 from *E. coli*.
Host	Mouse
Theoretical MW (kDa)	92.2
Reactivity	Human, Rat
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-400) Immunofluorescence (1:200-1000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence

  Immunofluorescent staining of HeLa cell line with antibody (green). DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

- Flow Cytometry

  Flow cytometric analysis of HeLa cells using DDX20 mouse monoclonal antibody (green) and negative control (red).

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of DDX20 monoclonal antibody.

- Western Blot

  Western Blot analysis of (1) Jurkat, (2) HeLa, (3) NTERA-2, (4) HL7702, (5) K562, and (6) C6 cell lysate.

- Western Blot

  Western Blot analysis of human DDX20 recombinant protein.

Gene Info — DDX20

Entrez GeneID	11218
Gene Name	DDX20
Gene Alias	DKFZp434H052, DP103, GEMIN3
Gene Description	DEAD (Asp-Glu-Ala-Asp) box polypeptide 20
Omim ID	606168
Gene Ontology	Hyperlink

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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 has an ATPase activity and is a component of the survival of motor neurons (SMN) complex. This protein interacts directly with SMN, the spinal mus cular atrophy gene product, and may play a catalytic role in the function of the SMN complex on R NPs. [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
- Neoplasms
- Urinary Bladder Neoplasms

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