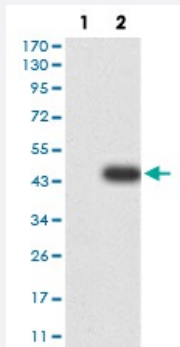


# DDX58 monoclonal antibody, clone 4G1B6

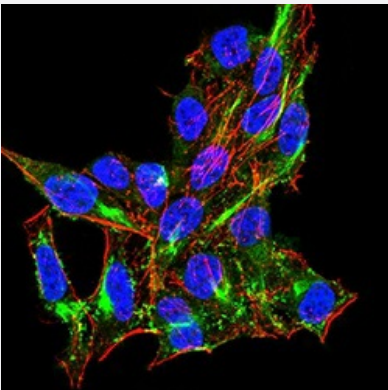
Catalog # MAB17239      Size 100 ug

## Applications



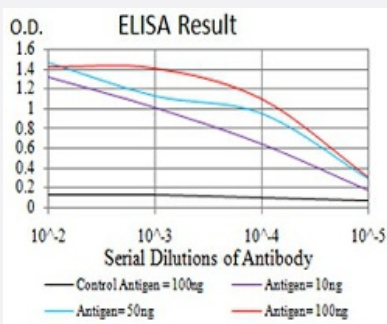
### Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) DDX58-hlgGfC transfected HEK293 cell lysate.



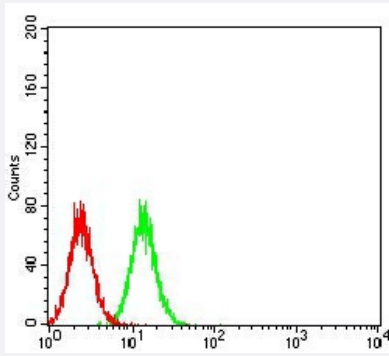
### Immunocytochemistry

Immunocytochemical staining of HeLa cells with DDX58 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor-555 phalloidin (red).



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of DDX58 monoclonal antibody, clone 4G1B6.



## Flow Cytometry

Flow cytometric analysis of HeLa cells with DDX58 monoclonal antibody (green) and negative control (red).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against recombinant human DDX58.
<b>Immunogen</b>	Recombinant protein corresponding to amino acid 789-925 of human DDX58 from <i>E. coli</i> .
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	106.6kDa
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Isotype</b>	IgM
<b>Recommend Usage</b>	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry (1:200-1:1000) Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.05% sodium azide).
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) DDX58-hlgGFc transfected HEK293 cell lysate.

- Immunocytochemistry

Immunocytochemical staining of HeLa cells with DDX58 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor- 555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of DDX58 monoclonal antibody, clone 4G1B6.

- Flow Cytometry

Flow cytometric analysis of HeLa cells with DDX58 monoclonal antibody (green) and negative control (red).

## Gene Info — DDX58

**Entrez GeneID** [23586](#)

**Gene Name** DDX58

**Gene Alias** DKFZp434J1111, DKFZp686N19181, FLJ13599, RIG-I

**Gene Description** DEAD (Asp-Glu-Ala-Asp) box polypeptide 58

**Omim ID** [609631](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases which are implicated in a number of cellular processes involving RNA binding and alteration of RNA secondary structure. This gene encodes a protein containing RNA helicase-DEAD box protein motifs and a caspase recruitment domain (CARD). It is involved in viral double-stranded (ds) RNA recognition and the regulation of immune response. [provided by RefSeq]

**Other Designations** DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide RIG-I|OTTHUMP00000021185|OTTHUMP00000045225|RNA helicase RIG-I|retinoic acid-inducible gene I

## Disease

- [Encephalomyelitis](#)
- [Hepatitis C](#)

- [Multiple Sclerosis](#)
- [Neutropenia](#)
- [Thrombocytopenia](#)