

## Datasheet for ABIN933112 **anti-DDX39 antibody**

### 3 Images



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### Overview

Quantity:	100 µg
Target:	DDX39
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DDX39 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunoprecipitation (IP), Dot Blot (DB), Flow Cytometry (FACS)

### Product Details

Immunogen:	DDX39 antibody was raised in mouse using recombinant Human Dead (Asp-Glu-Ala-Asp) Box Polypeptide 39 (Ddx39)
Clone:	2252C4a
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

### Target Details

Target:	DDX39
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## Target Details

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Alternative Name: DDX39 ([DDX39 Products](#))

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Background: This gene encodes a member of the DEAD box protein family. These proteins are characterized by the conserved motif Asp- Glu-Ala-Asp (DEAD) and 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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. Synonyms: Monoclonal DDX39 antibody, Anti-DDX39 antibody, DEAD (Asp- Glu-Ala-Asp) box polypeptide 39 antibody, BAT1 antibody, DDXL antibody, URH49 antibody, MGC8417 antibody, MGC18203 antibody.

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## Application Details

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Application Notes: WB: 0.2-2 µg/mL, IP: 100-500 µg/sample, FC: 0.5-2 µg/sample, ICC: 2-100 µg/mL  
Optimal conditions should be determined by the investigator.

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Restrictions: For Research Use only

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## Handling

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Concentration: Lot specific

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Buffer: DDX39 antibody in PBS (3.0 mM KCl, 1.5 mM KH<sub>2</sub> PO<sub>4</sub>, 140 mM NaCl, 8.0 mM Na<sub>2</sub> HPO<sub>4</sub> (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN<sub>3</sub>).

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

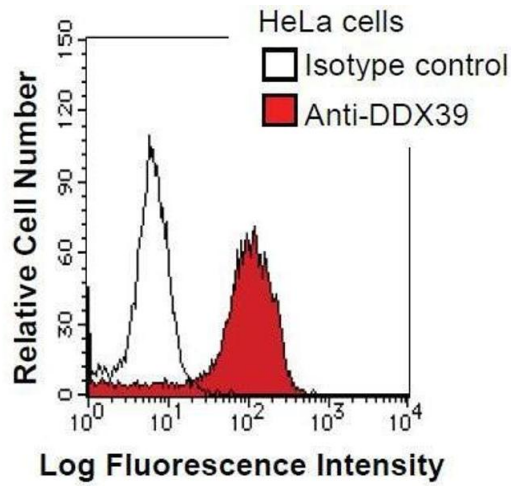
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Storage: 4 °C/-20 °C

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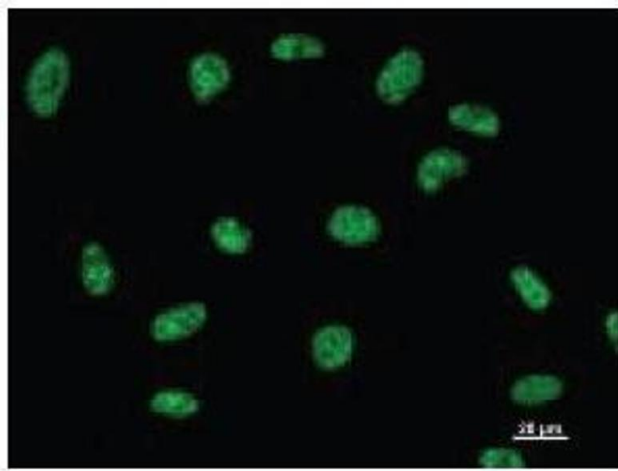
Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.

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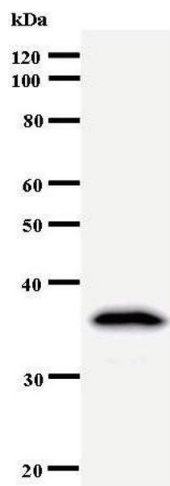
### Flow Cytometry

**Image 1.** HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-DDX39 antibody (shaded) or isotype control (unshaded) followed by Alexa Fluor 488 conjugated goat anti-mouse IgG.



### Immunofluorescence

**Image 2.** Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.01% Triton-X100 in PBS. The cells were immunostained with anti-DDX39 antibody.



### Western Blotting

**Image 3.**