

Datasheet for ABIN931040  
**anti-DHX29 antibody**



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3 Images

## Overview

Quantity:	100 µg
Target:	DHX29
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DHX29 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Flow Cytometry (FACS), Immunocytochemistry (ICC), Dot Blot (DB)

## Product Details

Immunogen:	DHX29 antibody was raised in mouse using recombinant Human Deah (Asp-Glu-Ala-His) Box Polypeptide 29 (Dhx29)
Clone:	2269C1
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

## Target Details

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## Target Details

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Alternative Name:	DHX29 ( <a href="#">DHX29 Products</a> )
Background:	DHX29 encodes an ATP-binding RNA helicase involved in translation initiation. Required for efficient initiation on mammalian mRNAs with structured 5'-UTRs by promoting efficient NTPase-dependent 48S complex formation. Specifically binds to the 40S ribosome near the mRNA entrance. Does not possess a processive helicase activity. Synonyms: Monoclonal DHX29 antibody, Anti-DHX29 antibody, DEAH (Asp-Glu-Ala-His) box polypeptide 29 antibody, DDX29 antibody, FLJ21492 antibody.

## Application Details

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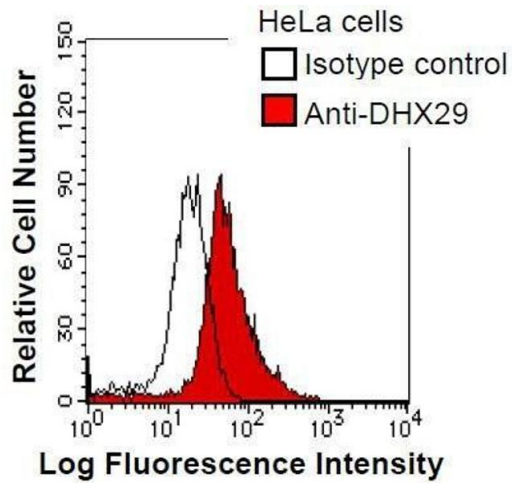
Application Notes:	WB: 0.2-2 µg/mL, IP: 100-500 µg/sample, FC: 0.5-2 µg/sample, ICC: 2-100 µg/mL Optimal conditions should be determined by the investigator.
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Restrictions:	For Research Use only
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## Handling

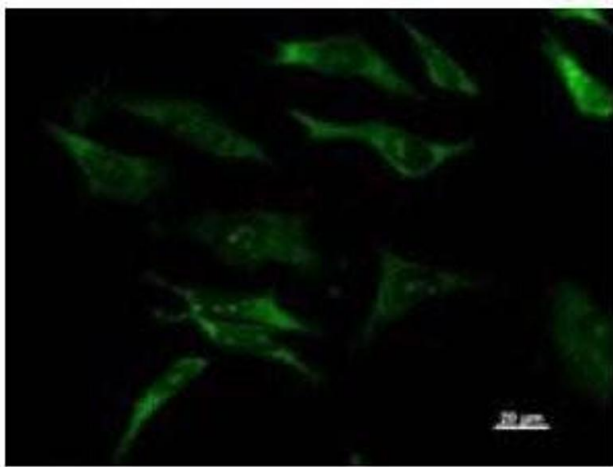
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Concentration:	Lot specific
Buffer:	DHX29 antibody in PBS (3.0 mM KCl, 1.5 mM KH <sub>2</sub> PO <sub>4</sub> , 140 mM NaCl, 8.0 mM Na <sub>2</sub> HPO <sub>4</sub> (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN <sub>3</sub> ).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



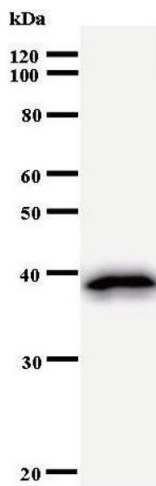
### Flow Cytometry

**Image 1.** HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-DHX29 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-DHX29 antibody.



### Western Blotting

**Image 3.**