

## Datasheet for ABIN933105 **anti-BRD3 antibody**

### 3 Images



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### Overview

Quantity:	100 µg
Target:	BRD3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BRD3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC), Flow Cytometry (FACS), Dot Blot (DB)

### Product Details

Immunogen:	BRD3 antibody was raised in mouse using recombinant Human Bromodomain Containing 3 (Brd3)
Clone:	2088C3a
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

### Target Details

Target:	BRD3
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## Target Details

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Alternative Name: BRD3 ([BRD3 Products](#))

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Background: This gene was identified based on its homology to the gene encoding the RING3 protein, a serine/threonine kinase. The gene localizes to 9q34, a region which contains several major histocompatibility complex (MHC) genes. The function of the encoded protein is not known.  
Synonyms: Monoclonal BRD3 antibody, Anti-BRD3 antibody, Bromodomain containing protein 3 antibody, ORFX antibody, RING3L antibody, KIAA0043 antibody.

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Pathways: [Chromatin Binding](#)

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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: BRD3 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.

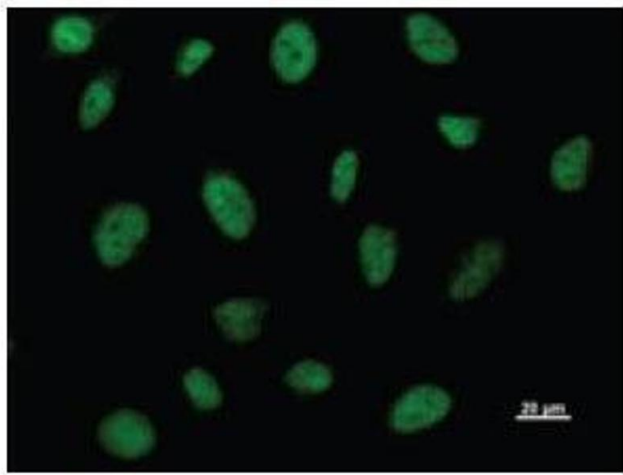
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Storage: 4 °C/-20 °C

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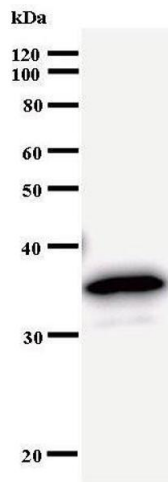
Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.

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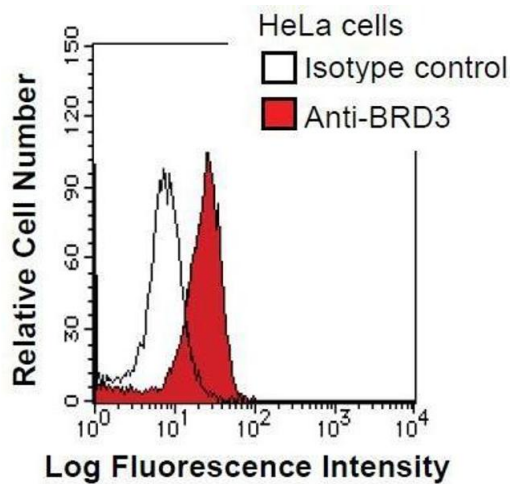
### Immunofluorescence

**Image 1.** 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-BRD3 antibody.



### Western Blotting

**Image 2.**



### Flow Cytometry

**Image 3.** HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-BRD3 antibody (shaded) or isotype control (unshaded) followed by Alexa Fluor 488 conjugated goat anti-mouse IgG.