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Datasheet for ABIN5611271  
**anti-CD276 antibody (AA 29-466)**

6 Images

Overview

Quantity:	0.1 mg
Target:	CD276
Binding Specificity:	AA 29-466
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human B7H3 (AA: extra 29-466) expressed in HEK293 cells.
Clone:	8C1C2
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CD276
Alternative Name:	B7H3 ( <a href="#">CD276 Products</a> )
Background:	Description: The protein encoded by this gene belongs to the immunoglobulin superfamily, and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in normal tissues and solid tumors,

## Target Details

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the protein is preferentially expressed only in tumor tissues. Additionally, it was observed that the 3' UTR of this transcript contains a target site for miR29 microRNA, and there is an inverse correlation between the expression of this protein and miR29 levels, suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Aliases: CD276, B7-H3, B7RP-2, 4Ig-B7-H3

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Molecular Weight: 57.2 kDa

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Gene ID: 80381

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HGNC: 80381

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Pathways: [Cancer Immune Checkpoints](#)

## Application Details

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Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:100 - 1:500, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Purified antibody in PBS with 0.05 % sodium azide

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Preservative: Sodium azide

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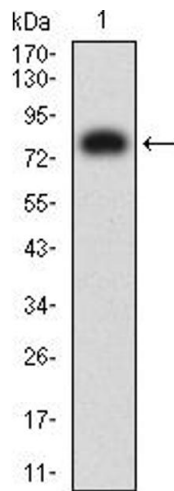
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C/-20 °C

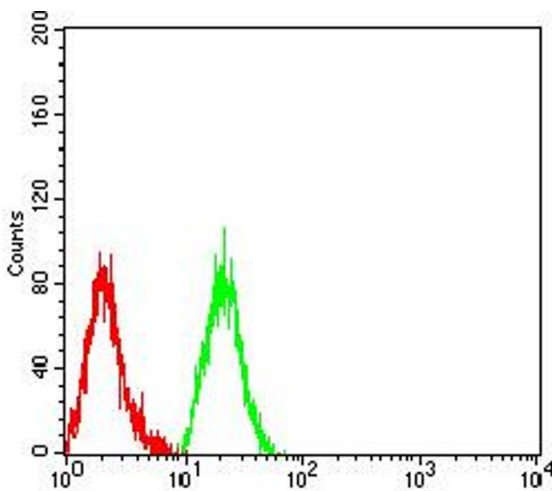
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Storage Comment: 4°C, -20°C for long term storage



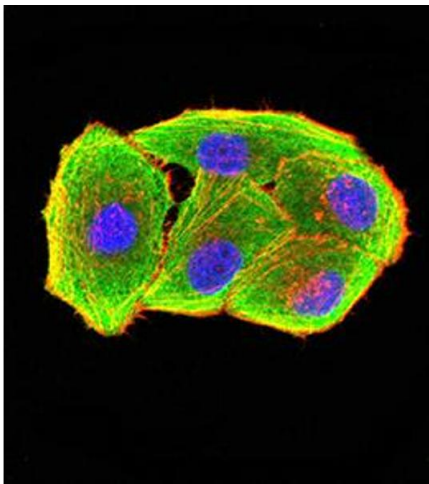
### Western Blotting

**Image 1.** Western blot analysis using B7H3 mAb against human B7H3 (AA: extra 29-466) recombinant protein. (Expected MW is 76.9 kDa)



### Flow Cytometry

**Image 2.** Flow cytometric analysis of Jurkat cells using B7H3 mouse mAb (green) and negative control (red).



### Immunofluorescence

**Image 3.** Immunofluorescence analysis of Hela cells using B7H3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5611271.