

Datasheet for ABIN5611307  
**anti-CD1c antibody (AA 18-302)**

## 5 Images

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## Overview

Quantity:	0.1 mg
Target:	CD1c (CD1C)
Binding Specificity:	AA 18-302
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Neutralization (Neut)

## Product Details

Immunogen:	Purified recombinant fragment of human CD1C (AA: extra 18-302) expressed in E. coli.
Clone:	3G1B3
Isotype:	IgG2b
Purification:	purified

## Target Details

Target:	CD1c (CD1C)
Alternative Name:	CD1C ( <a href="#">CD1C Products</a> )
Background:	Description: This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily

## Target Details

lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene is broadly distributed throughout the endocytic system via a tyrosine-based motif in the cytoplasmic tail. Alternatively spliced transcript variants of this gene have been observed, but their full-length nature is not known.

Aliases: R7, CD1, CD1A, BDCA1

Molecular Weight:	37.7 kDa
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Gene ID:	911
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HGNC:	911
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## Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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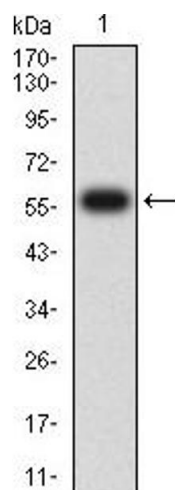
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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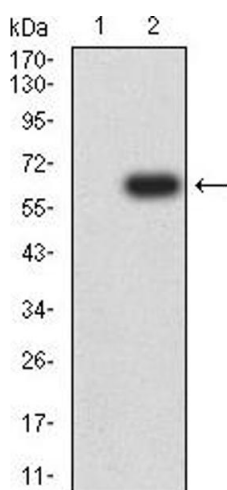
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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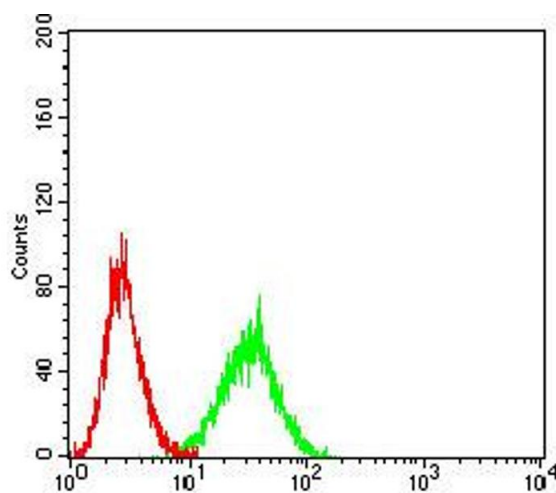
#### Western Blotting

**Image 1.** Western blot analysis using CD1C mAb against human CD1C (AA: extra 18-302) recombinant protein. (Expected MW is 58.1 kDa)



#### Western Blotting

**Image 2.** Western blot analysis using CD1C mAb against HEK293 (1) and CD1C (AA: extra 18-302)-hlgGfC transfected HEK293 (2) cell lysate.



#### Flow Cytometry

**Image 3.** Flow cytometric analysis of Ramos cells using CD1C mouse mAb (green) and negative control (red).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5611307.