

Datasheet for ABIN5611151  
**anti-CD56 antibody (AA 568-708)**



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3 Images

## Overview

Quantity:	100 µL
Target:	CD56 (NCAM1)
Binding Specificity:	AA 568-708
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD56 antibody is un-conjugated
Application:	ELISA

## Product Details

Purpose:	NCAM1 Antibody
Immunogen:	Purified recombinant fragment of human NCAM1 (AA: 568-708) expressed in E. Coli.
Clone:	5G5G1
Isotype:	IgG2b
Purification:	Purified antibody

## Target Details

Target:	CD56 (NCAM1)
Alternative Name:	NCAM1 ( <a href="#">NCAM1 Products</a> )
Background:	Description: This gene encodes a cell adhesion protein which is a member of the

## Target Details

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immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein has been shown to be involved in development of the nervous system, and for cells involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Alternative splicing results in multiple transcript variants.

Aliases: CD56, NCAM, MSK39

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Molecular Weight:	94.6kDa
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Gene ID:	4684
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HGNC:	4684
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UniProt:	<a href="#">P13591</a>
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## Application Details

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Application Notes:	ELISA: 1/10000
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Restrictions:	For Research Use only
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## 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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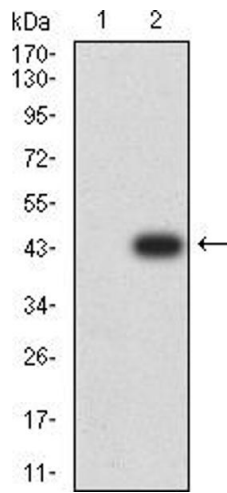
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C, -20 °C
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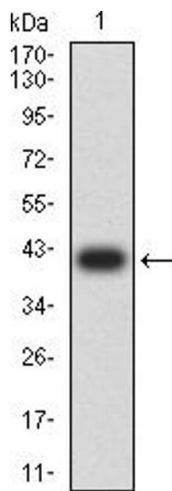
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Storage Comment:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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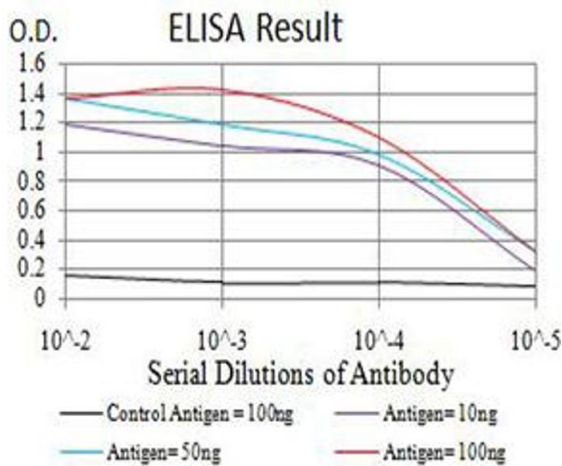
**Western Blotting**

**Image 1.** Western blot analysis using NCAM1 mAb against HEK293 (1) and NCAM1 (AA: 568-708)-hlgGFc transfected HEK293 (2) cell lysate.



**Western Blotting**

**Image 2.** Western blot analysis using NCAM1 mAb against human NCAM1 (AA: 568-708) recombinant protein. (Expected MW is 40.1 kDa)



**ELISA**

**Image 3.** Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)