

Datasheet for ABIN7193604

**anti-CD56 antibody**

7 Images

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## Overview

Quantity:	0.1 mg
Target:	CD56 (NCAM1)
Reactivity:	Human, Mouse, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD56 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Purified recombinant fragment of human NCAM1 (AA: extra(568-708)) expressed in E. coli.
Clone:	5B1G11
Isotype:	IgG1
Purification:	purified

## 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 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

## Target Details

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

Molecular Weight: 94.6 kDa

Gene ID: 4684

## Application Details

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

Restrictions: For Research Use only

## Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

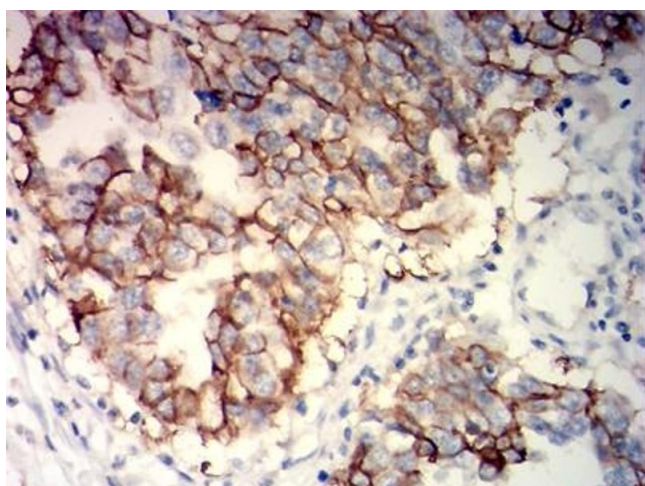
Preservative: Sodium azide

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

Storage: 4 °C/-20 °C

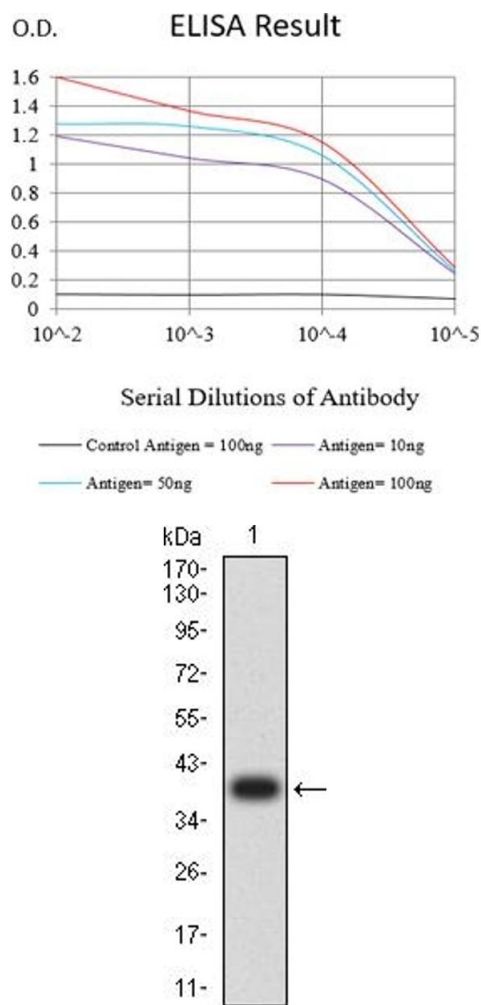
Storage Comment: 4°C, -20°C for long term storage

## Images



### Immunohistochemistry

**Image 1.** Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using NCAM1 mouse mAb with DAB staining.



### ELISA

**Image 2.** Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

### Western Blotting

**Image 3.** Western blot analysis using NCAM1 mAb against NCAM1 (AA: extra(568-708)) recombinant protein. (Expected MW is 40.1 kDa)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7193604.