

Datasheet for ABIN7193332  
**anti-CD27 antibody (AA 20-144)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	0.1 mg
Target:	CD27
Binding Specificity:	AA 20-144
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD27 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Neutralization (Neut)

## Product Details

Immunogen:	Purified recombinant fragment of human CD27 (AA: extra 20-144) expressed in E. coli.
Clone:	3B6D3
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	CD27
Alternative Name:	CD27 ( <a href="#">CD27 Products</a> )
Background:	Description: The protein encoded by this gene is a member of the TNF-receptor superfamily.

## Target Details

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This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor.

Aliases: T14, S152, Tp55, TNFRSF7, S152. LPFS2

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Molecular Weight: 29.1 kDa

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Gene ID: 939

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Pathways: [Production of Molecular Mediator of Immune Response](#), [Cancer Immune Checkpoints](#)

## Application Details

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Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A

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Restrictions: For Research Use only

## Handling

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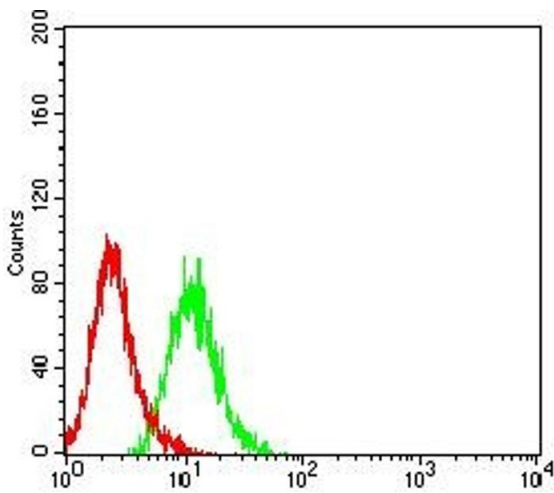
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C/-20 °C

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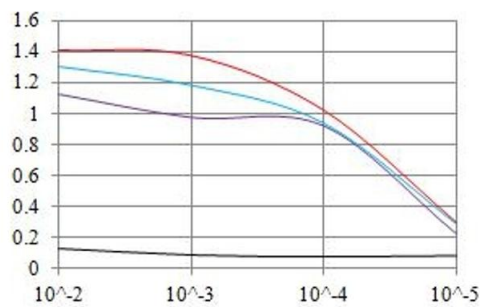
Storage Comment: 4°C, -20°C for long term storage



### Flow Cytometry

**Image 1.** Flow cytometric analysis of HL-60 cells using CD27 mouse mAb (green) and negative control (red).

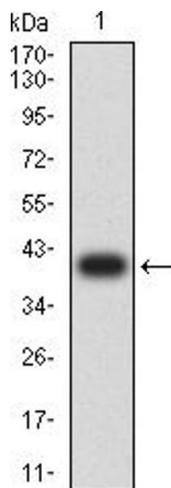
### O.D. ELISA Result



— Control Antigen = 100ng — Antigen = 10ng  
 — Antigen = 50ng — Antigen = 100ng

### 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 CD27 mAb against human CD27 (AA: extra 20-144) recombinant protein. (Expected MW is 39.8 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193332.