

Datasheet for ABIN657662  
**anti-CD27 antibody (C-Term)**

## 3 Images

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## Overview

Quantity:	400 µL
Target:	CD27
Binding Specificity:	AA 196-225, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD27 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB)

## Product Details

Immunogen:	This CD27 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 196-225 amino acids from the C-terminal region of human CD27.
Clone:	RB33726
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

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

## Target Details

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.

Molecular Weight: 29137

Gene ID: 939

NCBI Accession: [NP\\_001233](#)

UniProt: [P26842](#)

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

## Application Details

Application Notes: WB: 1:1000. WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

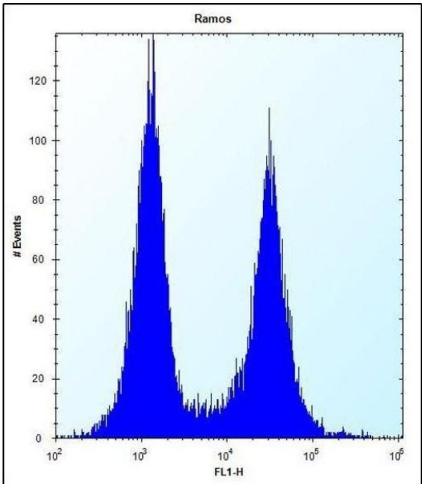
Preservative: Sodium azide

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

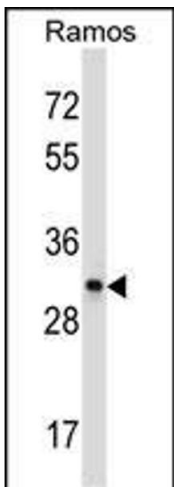
Storage Comment: CD27 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



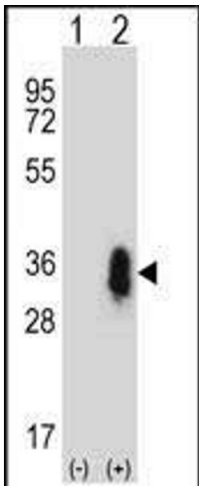
### Flow Cytometry

**Image 1.** CD27 Antibody (C-term) (ABIN657662 and ABIN2846656) flow cytometric analysis of Ramos cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



### Western Blotting

**Image 2.** CD27 Antibody (C-term) (ABIN657662 and ABIN2846656) western blot analysis in Ramos cell line lysates (35 µg/lane). This demonstrates the CD27 antibody detected the CD27 protein (arrow).



### Western Blotting

**Image 3.** Western blot analysis of CD27 (arrow) using rabbit polyclonal CD27 Antibody (C-term) (ABIN657662 and ABIN2846656). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CD27 gene.