

**CD27 Polyclonal Antibody**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ABV11720****Specification**

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**CD27 Polyclonal Antibody - Product Information**

Application	FC, WB
Primary Accession	<a href="#">P26842</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	29137

**CD27 Polyclonal Antibody - Additional Information****Gene ID 939**

Positive Control	FC
Application & Usage	WB~~1:1000 FC~~1:10~50

**Other Names**

CD27 antigen, CD27L receptor, T-cell activation antigen CD27, T14, Tumor necrosis factor receptor superfamily member 7, CD27, CD27, TNFRSF7

**Target/Specificity**

CD27

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

PBS with 0.09% (W/V) sodium azide.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

CD27 Polyclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## CD27 Polyclonal Antibody - Protein Information

**Name** CD27

**Synonyms** TNFRSF7

### Function

Receptor for CD70/CD27L. May play a role in survival of activated T-cells. May play a role in apoptosis through association with SIVA1.

### Cellular Location

Membrane; Single-pass type I membrane protein.

### Tissue Location

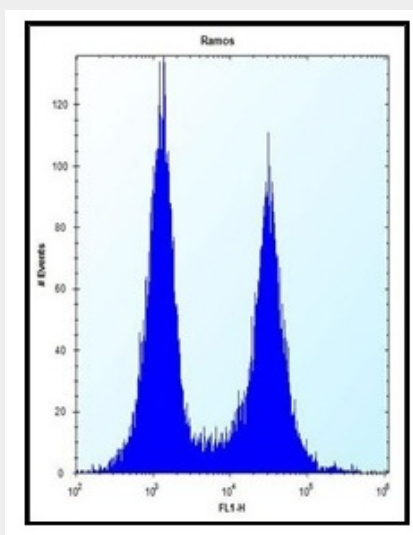
Found in most T-lymphocytes.

## CD27 Polyclonal Antibody - Protocols

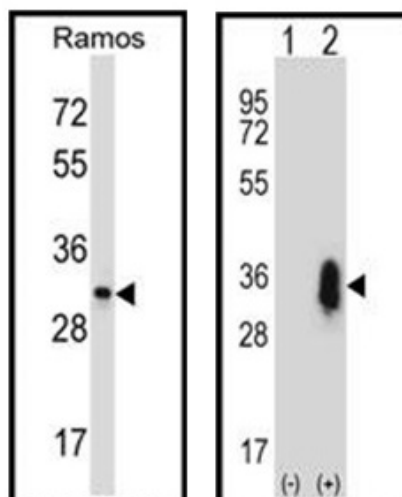
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## CD27 Polyclonal Antibody - Images



Flow cytometric analysis of ramos cells(right) compared to a negative control cell(left).



1: Ramos; 2: 293 cell lysate

#### CD27 Polyclonal Antibody - Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. 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.