

For Research Use Only

# FcZero-rAb™ Biotin Anti-Human CD27 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98346-3



## Basic Information

**Catalog Number:**  
Biotin-FcA98346-3

**Concentration:**  
100ug, 500 ug/ml

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
EG1644

**GenBank Accession Number:**  
BC012160

**GeneID (NCBI):**  
939

**ENSEMBL Gene ID:**  
ENSG00000139193

**UNIPROT ID:**  
P26842

**Full Name:**  
CD27 molecule

**Calculated MW:**  
29 kDa

**Purification Method:**  
Protein A purification

**CloneNo.:**  
242731G8

**Recommended Dilutions:**  
FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

**Excitation/Emission maxima wavelengths:**  
-

## Applications

**Tested Applications:**  
FC, ELISA

**Species Specificity:**  
human

**Positive Controls:**

FC : human PBMCs,

## Background Information

CD27 (also known as TNFRSF7) is a type I glycoprotein expressed on some B cells and the majority of T cells, and is a member of the tumor necrosis factor (TNF) receptor family. CD27 is required for generation and long-term maintenance of T cell immunity (PMID: 11062504). It is a receptor for CD70 (CD27L). Ligation of CD27 by CD70 induces strong ubiquitination of TRAF and the activation of both canonical and non-canonical NF-kappaB pathways, as well as the JNK pathway (PMID: 19426224). CD27 may also play a role in apoptosis through association with SIVA1.

## Storage

**Storage:**

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.09% sodium azide, pH7.3

For technical support and original validation data for this product please contact:

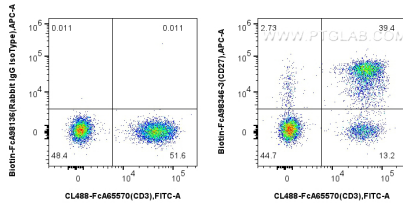
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with CoraLite® Plus 488 Anti-Human CD3 (UCHT1), and 0.25 ug Biotin Anti-Human CD27 Rabbit RecAb (Biotin-FcA98346-3, Clone: 242731G8) or Rabbit IgG Isotype Control RecAb (Biotin-FcA98136, Clone: 240953C9), and APC-conjugated streptavidin. Cells were not fixed.