

For Research Use Only

# FITC Plus Anti-Mouse CD27 Rabbit Recombinant Antibody

Catalog Number: FITC-98160



## Basic Information

Catalog Number:

FITC-98160

Size:

100ug, 500 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001033126.2

GeneID (NCBI):

21940

UNIPROT ID:

P41272

Full Name:

CD27 antigen

Calculated MW:

28kDa

Purification Method:

Protein A purification

CloneNo.:

241378E11

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

## Applications

Tested Applications:

FC

Species Specificity:

mouse

## 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.

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

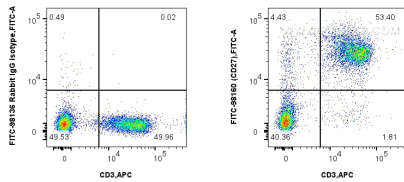
T: 4006900926

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

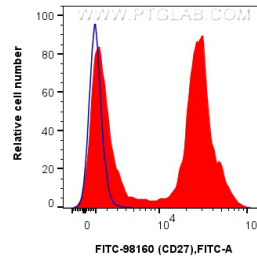
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> mouse splenocytes were surface stained with APC Anti-Mouse CD3 (17A2) (APC-65077, Clone:17A2) and 0.25 ug FITC Plus Anti-Mouse CD27 Rabbit Recombinant Antibody (FITC-98160, Clone:241378E11) or 0.25 ug FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9). Cells were not fixed.



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug FITC Plus Anti-Mouse CD27 Rabbit Recombinant Antibody (FITC-98160, Clone: 241378E11) (red), or 0.25 ug FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9) (blue). Cells were not fixed.