

For Research Use Only

# FcZero-rAb™ PE Anti-Mouse CD27 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98160



## Basic Information

Catalog Number:

PE-FcA98160

Size:

100ug, 200 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1311

GenBank Accession Number:

NM\_001033126.2

GeneID (NCBI):

21940

Full Name:

CD27 antigen

Calculated MW:

28kDa

Purification Method:

Protein A purification

CloneNo.:

241378E11

Recommended Dilutions:

FC: 0.1 ug per 10<sup>6</sup> cells in 100 µl suspension

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

## Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse splenocytes,

## 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 and 0.5% BSA, pH7.3

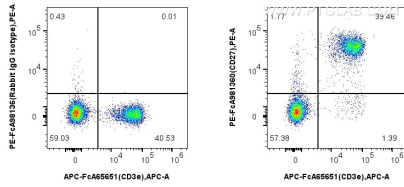
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> mouse splenocytes were surface stained with FcZero-rAb<sup>TM</sup> APC Anti-Mouse CD3e, and 0.25 ug PE Anti-Mouse CD27 Rabbit RecAb (PE-FcA98160, Clone: 241378E11) or 0.25 ug PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were not fixed.