

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

Size:

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 10⁶ cells in a 100 µl suspension

Excitation/Emission maximum 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

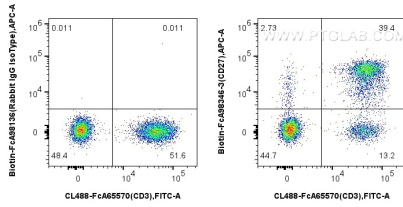
For technical support and original validation data for this product please contact:

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

Selected Validation Data



1x10⁶ 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.