

For Research Use Only

CoraLite®700 Anti-Mouse CD27 Rabbit Recombinant Antibody

Catalog Number: CL700-98160



Basic Information

Catalog Number:

CL700-98160

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1311

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

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

702 nm / 723 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, pH7.3

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

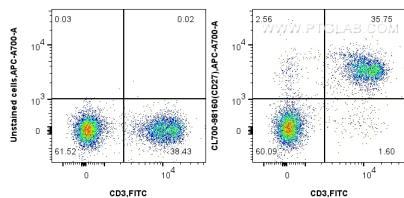
T: 4006900926

E: Proteintech-CN@ptglab.com

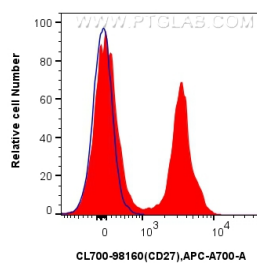
W: ptgcn.com

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Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with FITC Plus Anti-Mouse CD3 (17A2) (FITC-65077, Clone: 17A2), and 0.25 ug CoraLite®700 Anti-Mouse CD27 Rabbit RecAb (CL700-98160, Clone: 241378E11) or unstained. Cells were not fixed. Lymphocytes were gated.



1x10⁶ mouse splenocytes were surface stained with 0.25 ug CoraLite®700 Anti-Mouse CD27 Rabbit RecAb (CL700-98160, Clone: 241378E11) (red) or unstained (blue). Cells were not fixed. Lymphocytes were gated.