

For Research Use Only

CoraLite® Plus 647 Anti-Human CD27 Rabbit scFv Antibody

Catalog Number: CL647-SF98346-3



Basic Information

Catalog Number:

CL647-SF98346-3

Size:

100ug, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Type:

scFv

Immunogen Catalog Number:

EG1644

GenBank Accession Number:

BC012160

GeneID (NCBI):

939

ENSEMBL Gene ID:

ENSG00000139193

Full Name:

CD27 molecule

Calculated MW:

29 kDa

Purification Method:

Affinity purification

CloneNo.:

242731G8

Recommended Dilutions:

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

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC

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:

50mM HEPES, 150mM NaCl, 5mM EDTA, 0.1% CHAPS, 10% Sucrose and 0.1% Proclin300, pH7.3

*** 20ul sizes contain 0.1% BSA

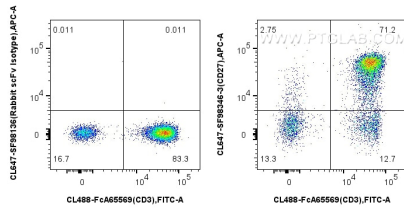
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

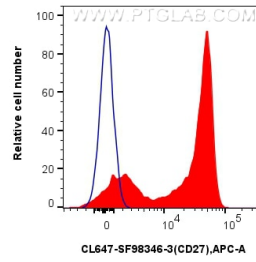
E: proteintech@ptglab.com
W: ptglab.com

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 (OKT3), and 0.25 ug CoraLite® Plus 647 Anti-Human CD27 Rabbit scFv Antibody (CL647-SF98346-3, Clone: 242731G8) or 0.25 ug CoraLite® Plus 647 Rabbit scFv Isotype Control (CL647-SF98136, Clone: 240953C9). Cells were not fixed. Lymphocytes were gated.



1x10⁶ human PBMCs were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Human CD27 Rabbit scFv Antibody (CL647-SF98346-3, Clone: 242731G8) (red) or 0.25 ug CoraLite® Plus 647 Rabbit scFv Isotype Control (CL647-SF98136, Clone: 240953C9) (blue). Cells were not fixed. Lymphocytes were gated.