

For Research Use Only

# CoraLite®647-conjugated Anti-Human CD27 (O323)



Catalog Number: CL647-65132

## Basic Information

Catalog Number:

CL647-65132

Size:

100 tests, 5 µl/test

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

BC012160

GeneID (NCBI):

939

Full Name:

CD27 molecule

Calculated MW:

29 kDa

Purification Method:

Affinity purification

CloneNo.:

O323

Excitation/Emission maxima wavelengths:

650 nm/665 nm

## Applications

Tested Applications:

FC

Species Specificity:

Human

## 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- $\kappa$ B 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.

Storage Buffer:

PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

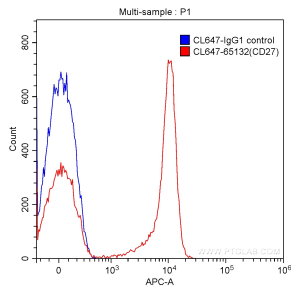
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with 5.00 ul CoraLite®647-conjugated Anti-Human CD27 (CL647-65132, Clone: O323) (red) or isotype control antibody (blue). Samples were not fixed.