

# PE Anti-Human CD27 (O323)

Catalog Number: PE-65132

## Basic Information

**Catalog Number:**

PE-65132

**Size:**

100 tests, 5 µl / test

**Source:**

Mouse

**Isotype:**

IgG1, kappa

**GenBank Accession Number:**

BC012160

**GeneID (NCBI):**

939

**ENSEMBL Gene ID:**

ENSG00000139193

**UNIPROT ID:**

P26842

**Full Name:**

CD27 molecule

**Calculated MW:**

29 kDa

**Purification Method:**

Affinity purification

**CloneNo.:**

O323

**Excitation/Emission maxima wavelengths:**

496 nm, 565 nm / 578 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-kappaB pathways, as well as the JNK pathway (PMID: 19426224). CD27 may also play a role in apoptosis through association with SIVA1.

## Storage

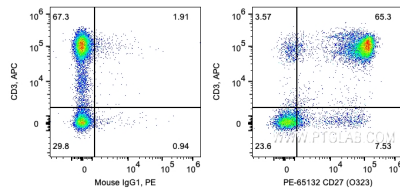
**Storage:**

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

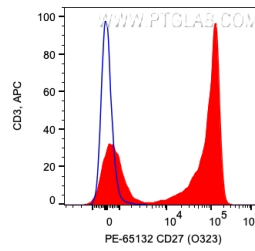
**Storage Buffer:**

PBS with 0.09% sodium azide and 0.5% BSA.

## Selected Validation Data



1X10<sup>6</sup> human PBMCs were surface co-stained with APC Anti-Human CD3 and 5 ul PE Anti-Human CD27 (PE-65132, Clone:O323) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



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