

For Research Use Only

# Anti-Human CD27 (O323)

Catalog Number: 65132-1-Ig



## Basic Information

<b>Catalog Number:</b> 65132-1-Ig	<b>GenBank Accession Number:</b> BC012160	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100ug, 0.5 mg/ml	<b>GeneID (NCBI):</b> 939	<b>CloneNo.:</b> O323
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000139193	
<b>Isotype:</b> IgG1, kappa	<b>UNIPROT ID:</b> P26842	
	<b>Full Name:</b> CD27 molecule	
	<b>Calculated MW:</b> 29 kDa	

## 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. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide.

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

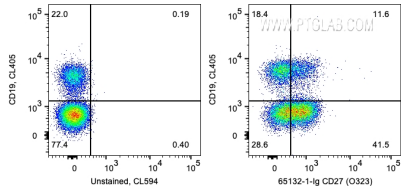
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## Selected Validation Data



1X10<sup>6</sup> human PBMCs were surface co-stained with CL405 Anti-Human CD19 and 0.5 ug Anti-Human CD27 (65132-1-Ig, Clone:O323) and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000. Cells were not fixed. Lymphocytes were gated.