

For Research Use Only

# Anti-Mouse CD27 Rabbit Recombinant Antibody

Catalog Number: 98160-1-RR



## Basic Information

<b>Catalog Number:</b> 98160-1-RR	<b>GenBank Accession Number:</b> NM_001033126.2	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, 1000 ug/ml	<b>GeneID (NCBI):</b> 21940	<b>CloneNo.:</b> 241378E11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P41272	
<b>Isotype:</b> IgG	<b>Full Name:</b> CD27 antigen	
	<b>Calculated MW:</b> 28kDa	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
mouse

## 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, pH 7.3.

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

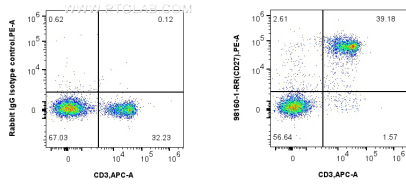
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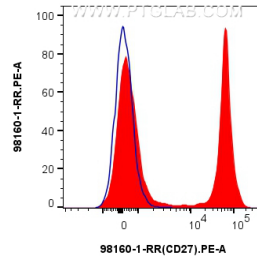
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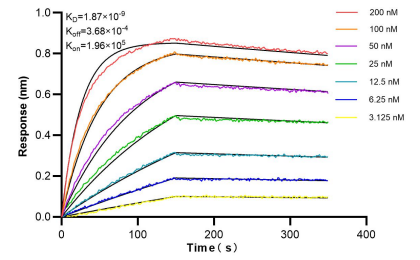
## Selected Validation Data



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD27 Rabbit Recombinant Antibody (98160-1-RR, Clone:241378E11) or Isotype Control, and PE-Conjugated Goat Anti-Rabbit IgG(H+L), cells were co-stained with APC Anti-mouse CD3. Cells were not fixed.



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD27 Rabbit Recombinant Antibody (98160-1-RR, Clone: 241378E11) (red), or Isotype Control (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



Bi-layer interferometry (BLI) kinetic assays of 98160-1-RR against Mouse CD27 were performed. The affinity constant is 1.87 nM.