

For Research Use Only

Anti-Mouse CD27 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98160-1-PBS



Basic Information

Catalog Number:

98160-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001033126.2

GeneID (NCBI):

21940

UNIPROT ID:

P41272

Full Name:

CD27 antigen

Calculated MW:

28kDa

Purification Method:

Protein A purification

CloneNo.:

241378E11

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 -80°C.

Storage Buffer:

PBS Only

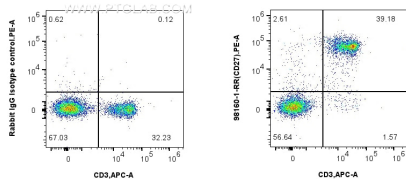
For technical support and original validation data for this product please contact:

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

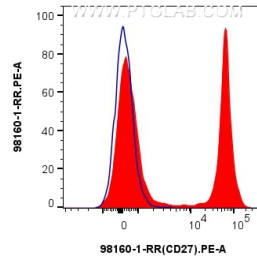
E: proteintech@ptglab.com
W: ptglab.com

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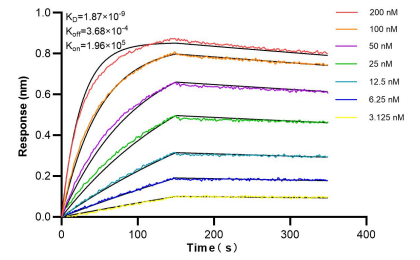
Selected Validation Data



1x10⁶ 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. This data was developed using the same antibody clone with 98160-1-PBS in a different storage buffer formulation.



1x10⁶ 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. This data was developed using the same antibody clone with 98160-1-PBS in a different storage buffer formulation.



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