

For Research Use Only

Anti-Rabbit CD27 Mouse Recombinant Antibody

Catalog Number: 98309-8-MR



Basic Information

Catalog Number:

98309-8-MR

Concentration:

100ug, 1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

EG2485

GenBank Accession Number:

GeneID (NCBI):

100346881

Full Name:

CD27

Purification Method:

Protein A purification

CloneNo.:

250403B10

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

rabbit

Positive Controls:

FC : rabbit splenocytes cells,

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, pH7.3

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

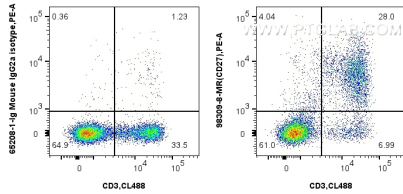
T: 4006900926

E: Proteintech-CN@ptglab.com

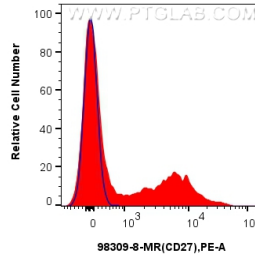
W: ptgcn.com

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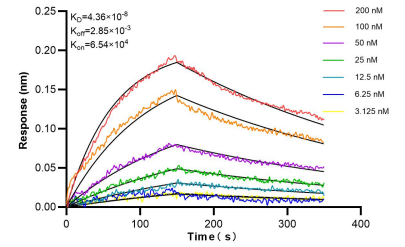
Selected Validation Data



1x10⁶ rabbit splenocytes cells were surface stained with 0.25 ug Anti-Rabbit CD27 Mouse RecAb (98309-8-MR, Clone:250403B10) or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) and PE-conjugated Nano-Secondary® anti-mouse IgG2a(recombinant VHH). Cells were co-stained with Coralite® Plus 488 Anti-Rabbit CD3. Cells were not fixed.



1x10⁶ rabbit splenocytes cells were surface stained with 0.25 ug Anti-Rabbit CD27 Mouse RecAb (98309-8-MR, Clone:250403B10)(red) or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4)(blue) and PE-conjugated Nano-Secondary® anti-mouse IgG2a(recombinant VHH). Cells were co-stained with Coralite® Plus 488 Anti-Rabbit CD3. Cells were not fixed.



Bilayer interferometry (BLI) kinetic assays of 98309-8-MR against Rabbit CD27 were performed. The affinity constant is 43.6 nM.