

For Research Use Only

Anti-Rabbit CD3 Mouse Recombinant Antibody, PBS Only

Catalog Number: 98349-1-PBS



Basic Information

Catalog Number:

98349-1-PBS

Concentration:

1mg, 2000 μ g/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

EG3525

GenBank Accession Number:

GeneID (NCBI):

100008616

Full Name:

T-cell surface glycoprotein CD3
epsilon chain

Purification Method:

Protein A purification

CloneNo.:

242568D11

Applications

Tested Applications:

FC

Species Specificity:

rabbit

Background Information

CD3 epsilon (CD3 ϵ) and CD3 gamma (CD3 γ) are transmembrane subunits of the CD3 complex, which is essential for the assembly and surface expression of the T cell receptor (TCR). All of the CD3 subunits carry the so-called immunoreceptor tyrosine-based activation motif (ITAM) in the intracytoplasmic region. The signals are initiated by the specific phosphorylation of two tyrosine residues located in the conserved ITAM (PMID: 21269565).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

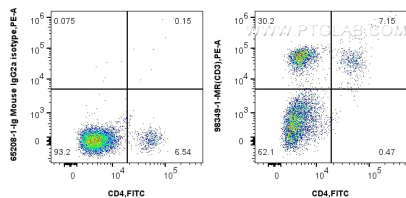
T: 4006900926

E: Proteintech-CN@ptglab.com

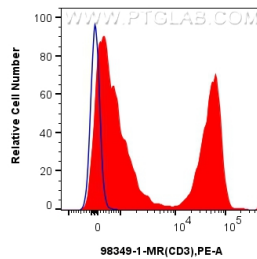
W: ptgcn.com

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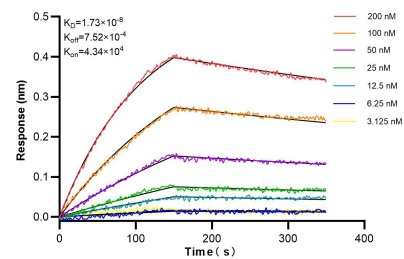
Selected Validation Data



1x10⁶ rabbit splenocytes were surface stained with 0.25 ug Anti-Rabbit CD3 Mouse RecAb (98349-1-MR, Clone:242568D11) or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4), and PE-conjugated Goat Anti-Mouse IgG. Cells were co-stained with FITC Anti-Rabbit CD4. Cells were not fixed. This data was developed using the same antibody clone with 98349-1-PBS in a different storage buffer formulation.



1x10⁶ rabbit splenocytes were surface stained with 0.25 ug Anti-Rabbit CD3 Mouse RecAb (98349-1-MR, Clone: 242568D11) (red) or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (blue), and PE-conjugated Goat Anti-Mouse IgG. Cells were not fixed. This data was developed using the same antibody clone with 98349-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98349-1-MR against Rabbit CD3E were performed. The affinity constant is 17.3 nM.