For Research Use Only

CoraLite® Plus 405 Anti-Rabbit CD3 Mouse Recombinant Antibody

Catalog Number:CL405-98349

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL405-98349

Size:
100ug , 500 ug/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

Recommended Dilutions:
FC: 0.25 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
399 nm / 422 nm

Applications

Tested Applications:
FC

Species Specificity:
rabbit

Positive Controls:

FC : rabbit splenocytes,

Background Information

CD3 epsilon(CD3ε) and CD3 gamma (CD3γ) 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).

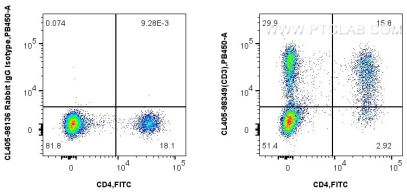
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

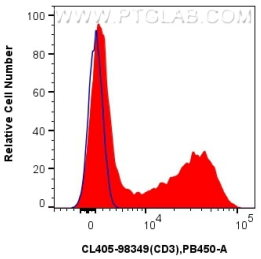
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10^6 rabbit splenocytes were surface stained with FITC Anti-Rabbit CD4, and 0.25 ug CoraLite® Plus 405 Anti-Rabbit CD3 Mouse RecAb (CL405-98349, Clone: 242568D11) or CoraLite® Plus 405 Mouse IgG2a Isotype Control (C1.18.4) (CL405-65208, Clone: C1.18.4). Cells were not fixed.



1x10^6 rabbit splenocytes were surface stained with 0.25 ug CoraLite® Plus 405 Anti-Rabbit CD3 Mouse RecAb (CL405-98349, Clone: 242568D11) (red) or CoraLite® Plus 405 Mouse IgG2a Isotype Control (C1.18.4) (CL405-65208, Clone: C1.18.4) (blue). Cells were not fixed.