For Research Use Only

FcZero-rAb® PE-Cyanine7 Anti-Mouse CD4 (GK1.5) Rabbit Recombinant Antibody

Catalog Number:PY7-FcA65662

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Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
PY7-FcA65662

Concentration:
100ug, 200 ug/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC039137

GeneID (NCBI):
12504

UNIPROT ID:
P06332

Full Name:
CD4 antigen

Purification Method:
Protein A purification

CloneNo.:
GK1.5

Recommended Dilutions:
FC: 0.1 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
496 nm, 565 nm / 778 nm

Applications

Tested Applications:
FC

Species Specificity:
mouse

Positive Controls:

FC : mouse splenocytes,

Background Information

CD4 is a 55-kDa transmembrane glycoprotein expressed on T helper cells, majority of thymocytes, monocytes, macrophages, and dendritic cells (PMID: 9304802; 12213222). CD4 is an accessory protein for MHC class-II antigen/T-cell receptor interaction. It plays an important role in T helper cell development and activation (PMID: 9539765; 3112582). CD4 serves as a receptor for the human immunodeficiency virus (HIV) (PMID: 9304802).

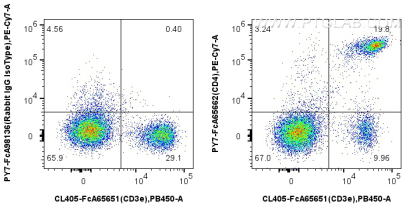
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

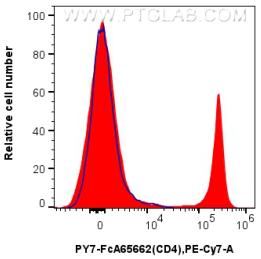
For technical support and original validation data for this product please contact:
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Selected Validation Data



1x10^6 mouse splenocytes were surface stained with CoraLite® Plus 405 Anti-Mouse CD3e (145-2C11) and 0.1 ug PE-Cyanine7 Anti-Mouse CD4 (GK1.5) Rabbit RecAb (PY7-FcA65662, Clone:GK1.5), or 0.1 ug Rabbit IgG Isotype Control RecAb (PY7-FcA98136, Clone: 240953C9). Cells were incubated with MonoZero™ Monocytes blocking Reagent(PF00020) prior to staining. Cells were not fixed.



1x10^6 mouse splenocytes were surface stained with 0.1 ug PE-Cyanine7 Anti-Mouse CD4 (GK1.5) Rabbit RecAb (PY7-FcA65662, Clone:GK1.5) (red), or 0.1 ug Rabbit IgG Isotype Control RecAb (PY7-FcA98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Monocytes blocking Reagent(PF00020) prior to staining. Cells were not fixed.