For Research Use Only

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

Catalog Number:Biotin-FcA65662

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
Biotin-FcA65662

Concentration:
100ug, 500 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: 0.25 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
-

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).

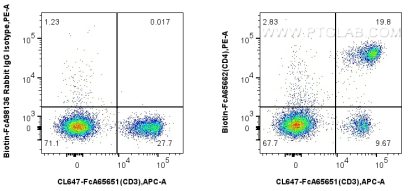
Storage

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

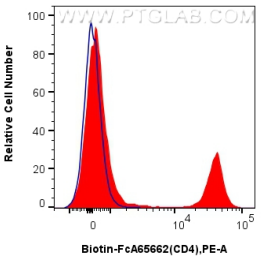
For technical support and original validation data for this product please contact:
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Selected Validation Data



1x10^6 mouse splenocytes were surface stained with 0.25 ug Biotin Anti-Mouse CD4 (GK1.5) Rabbit IgG RecAb (Biotin-FcA65662, Clone:GK1.5), or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) and Streptavidin-PE Conjugate (PE-PF00030). Cells were co-stained with FcZero-rAb™ CoraLite® Plus 647 Anti-Mouse CD3e (145-2C11) Rabbit IgG Recombinant Antibody (CL647-FcA65651, Clone: 145-2C11). Cells



1x10^6 mouse splenocytes were surface stained with 0.25 ug Biotin Anti-Mouse CD4 (GK1.5) Rabbit IgG RecAb (Biotin-FcA65662, Clone:GK1.5) (red), or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue) and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.