For Research Use Only

FcZero-rAb® PerCP-Cyanine5.5 Anti-Mouse CD4 (GK1.5) Rabbit Recombinant Antibody

Catalog Number:CPY5-FcA65662 1 Publications

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

Basic Information

Catalog Number:
CPY5-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: 0.25 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
482 nm / 690nm

Applications

Tested Applications:
FC

Cited 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).

Notable Publications

Author	Pubmed ID	Journal	Application
Fenglin Lv	42576342	Clin Transl Med	FC

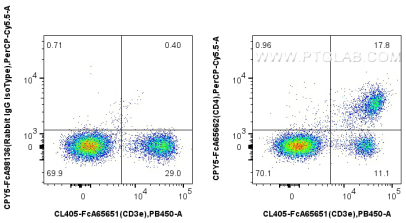
Storage

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

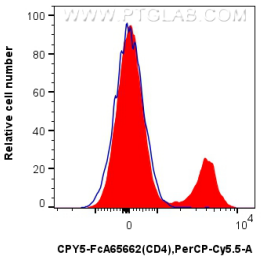
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

Selected Validation Data



1x10^6 mouse splenocytes were surface stained with CoraLite® Plus 405 Anti-Mouse CD3e (145-2C11), and 0.25 ug PerCP-Cyanine5.5 Anti-Mouse CD4 (GK1.5) Rabbit RecAb (CPY5-FcA65662, Clone: GK1.5) or 0.25 ug Rabbit IgG Isotype Control RecAb (CPY5-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 0.25 ug PerCP-Cyanine5.5 Anti-Mouse CD4 (GK1.5) Rabbit RecAb (CPY5-FcA65662, Clone: GK1.5) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (CPY5-FcA98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed.