For Research Use Only

FcZero-rAb® CoraLite®700 Anti-Mouse CD4 (GK1.5) Rabbit Recombinant Antibody

Catalog Number:CL700-FcA65662

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

Basic Information

Catalog Number:
CL700-FcA65662

Size:
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:
702 nm / 723 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).

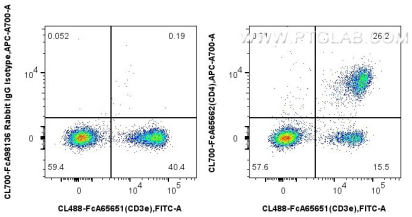
Storage

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

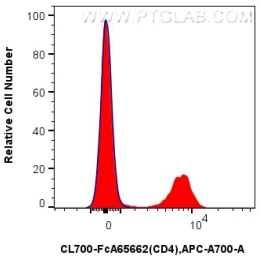
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10^6 mouse splenocytes were surface stained with FcZero-rAb® CoraLite® Plus 488 Anti-Mouse CD3e, and 0.25 ug CoraLite®700 Anti-Mouse CD4 (GK1.5) Rabbit RecAb (CL700-FcA65662, Clone: GK1.5) or FcZero-rAb® CoraLite® Plus 700 Rabbit IgG Isotype Control Recombinant Antibody (CL700-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10^6 mouse splenocytes were surface stained with 0.25 ug CoraLite®700 Anti-Mouse CD4 (GK1.5) Rabbit RecAb (CL700-FcA65662, Clone: GK1.5) (red) or FcZero-rAb® CoraLite® Plus 700 Rabbit IgG Isotype Control Recombinant Antibody (CL700-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.