

For Research Use Only

FcZero-rAb™ Biotin Anti-Rat CD4 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98252



Basic Information

Catalog Number: Biotin-FcA98252	GenBank Accession Number: NM_012705.1	Purification Method: Protein A purification
Concentration: 100ug, 500 ug/ml	GeneID (NCBI): 24932	CloneNo.: 241955C11
Source: Rabbit	UNIPROT ID: P05540	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: Cd4 molecule	Excitation/Emission maxima wavelengths: -
Immunogen Catalog Number: EG2025	Calculated MW: 51 kDa	

Applications

Tested Applications: FC, ELISA	Positive Controls: FC : rat splenocytes,
Species Specificity: rat	

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:

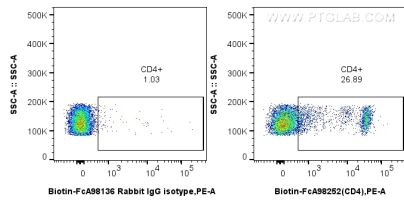
T: 4006900926

E: Proteintech-CN@ptglab.com

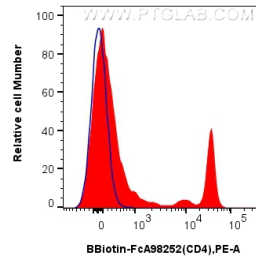
W: ptgcn.com

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

Selected Validation Data



1×10^6 rat splenocytes were surface stained with 0.25 μ g Biotin Anti-Rat CD4 Rabbit RecAb (Biotin-FcA98252, Clone: 241955C11) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.



1×10^6 rat splenocytes were surface stained with 0.25 μ g Biotin Anti-Rat CD4 Rabbit RecAb (Biotin-FcA98252, Clone: 241955C11)(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.