

For Research Use Only

Anti-Human CD4 Mouse Recombinant Antibody

Catalog Number: 98746-1-MR



Basic Information

Catalog Number:

98746-1-MR

Concentration:

100ug, 1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

GeneID (NCBI):

920

ENSEMBL Gene ID:

ENSG00000010610

UNIPROT ID:

P01730

Full Name:

CD4 molecule

Purification Method:

Protein A purification

CloneNo.:

253529A1

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

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. 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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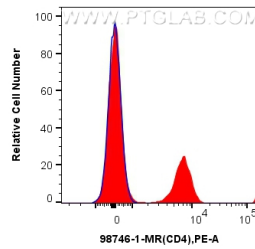
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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD4 Mouse RecAb (98746-1-MR, Clone: 253529A1) or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4), and PE-conjugated Goat Anti-Mouse IgG. Cells were then co-stained with CD3 (OKT3). Cells were not fixed. Lymphocytes were gated.



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD4 Mouse RecAb (98746-1-MR, Clone: 253529A1) (red) or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (blue), and PE-conjugated Goat Anti-Mouse IgG. Cells were not fixed. Lymphocytes were gated.