

For Research Use Only

Anti-Mouse CD4 (RM4-4)

Catalog Number: 65199-1-Ig



Basic Information

Catalog Number:

65199-1-Ig

Size:

500ug, 0.5 mg/ml

Source:

Rat

Isotype:

IgG2b, kappa

GenBank Accession Number:

BC039137

GeneID (NCBI):

12504

UNIPROT ID:

P06332

Full Name:

CD4 antigen

Purification Method:

Protein A purification

CloneNo.:

RM4-4

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in 100 µl suspension

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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

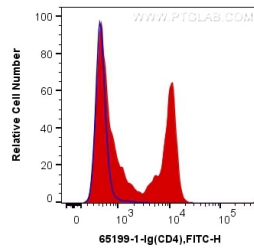
For technical support and original validation data for this product please contact:

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Selected Validation Data



1X10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD4 (65199-1-Ig, Clone:RM4-4) and FITC anti-rat IgG2b Antibody at dilution 1:100 (red), or 0.25 ug Control Antibody. Cells were not fixed.