

For Research Use Only

Anti-Mouse CD4 (RM4-4) Rat IgG2a Recombinant Antibody, PBS Only

Catalog Number: 65655-1-PBS



Basic Information

Catalog Number:

65655-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rat

Isotype:

IgG2a

GenBank Accession Number:

BC039137

GeneID (NCBI):

12504

Full Name:

CD4 antigen

Purification Method:

Protein A purification

CloneNo.:

RM4-4

Applications

Tested Applications:

FC

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS only, pH7.3

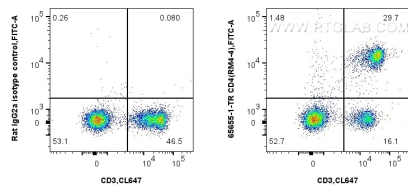
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

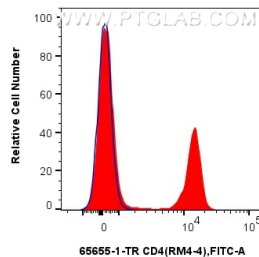
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.5 ug Anti-Mouse CD4 (RM4-4) Rat IgG2a RecAb (65655-1-TR, Clone: RM4-4) or Rat IgG2a Isotype Control (2A3) (65209-1-Ig, Clone: 2A3), and FITC anti-Rat IgG2a antibody. Cells were then stained with CoraLite® Plus 647 Anti-Mouse CD8a (53-6.7) (CL647-65069, Clone: 53-6.7). Cells were not fixed. This data was developed using the same antibody clone with 65655-1-PBS in a different storage buffer formulation.



1x10⁶ mouse splenocytes were surface stained with 0.5 ug Anti-Mouse CD4 (RM4-4) Rat IgG2a RecAb (65655-1-TR, Clone: RM4-4) (red) or Rat IgG2a Isotype Control (2A3) (65209-1-Ig, Clone: 2A3) (blue), and FITC anti-Rat IgG2a antibody. Cells were not fixed. This data was developed using the same antibody clone with 65655-1-PBS in a different storage buffer formulation.