

For Research Use Only

FITC Plus Anti-Mouse CD4 (RM4-4)

Catalog Number: FITC-65199

1 Publications



Basic Information

Catalog Number:

FITC-65199

Size:

100ug, 500 µg/ml

Source:

Rat

Isotype:

IgG2b, kappa

GenBank Accession Number:

BC039137

GeneID (NCBI):

12504

UNIPROT ID:

P06332

Full Name:

CD4 antigen

Purification Method:

Affinity purification

CloneNo.:

RM4-4

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Cited Applications:

FC

Species Specificity:

Mouse

Cited Species:

mouse

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Wenlong Lu	37370477	Animals (Basel)	FC

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.

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

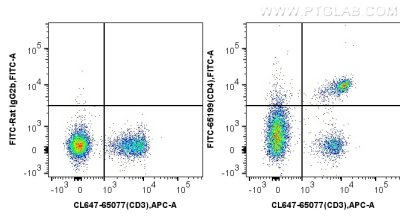
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ mouse splenocytes were surface stained with CoraLite® Plus 647 Anti-Mouse CD3 (CL647-65077, Clone: 17A2) and 1 ug FITC Plus Anti-Mouse CD4 (FITC-65199, Clone: RM4-4) or FITC Plus rat IgG2b isotype control. Cells were not fixed.