

For Research Use Only

FITC Plus Anti-Mouse CD4 (RM4-5)

Catalog Number: FITC-65141



Basic Information

Catalog Number: FITC-65141	GenBank Accession Number: BC039137	Purification Method: Affinity purification
Size: 100ug, 500 µg/ml	GeneID (NCBI): 12504	CloneNo.: RM4-5
Source: Rat	UNIPROT ID: P06332	Excitation/Emission maxima wavelengths: 495 nm / 524 nm
Isotype: IgG2a, kappa	Full Name: CD4 antigen	

Applications

Tested Applications:
FC

Species Specificity:
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).

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:

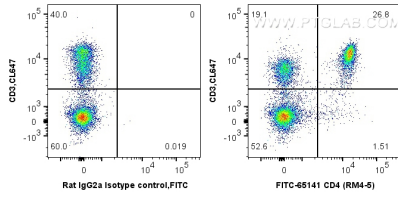
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ mouse splenocytes were surface co-stained with CoraLite® Plus 647 Anti-Mouse CD3 and 0.5 ug FITC Anti-Mouse CD4 (FITC-65141, Clone: RM4-5) or 0.5 ug Isotype Control. Cells were not fixed.