

For Research Use Only

APC Anti-Mouse CD4 (RM4-5)

Catalog Number: APC-65141



Basic Information

Catalog Number: APC-65141	GenBank Accession Number: BC039137	Purification Method: Affinity purification
Size: 100ug, 0.2 mg/ml	GeneID (NCBI): 12504	CloneNo.: RM4-5
Source: Rat	Full Name: CD4 antigen	Excitation/Emission maxima wavelengths: 650 nm / 660 nm
Isotype: IgG2a, kappa		

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

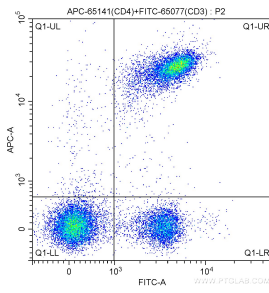
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

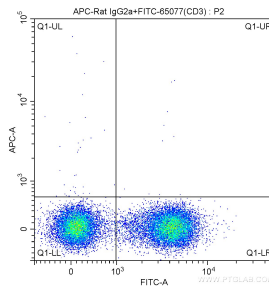
For technical support and original validation data for this product please contact:
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Selected Validation Data



1×10^6 C57BL/6 mouse splenocytes were surface stained with FITC-Anti-Mouse CD3 (FITC-65077, Clone: 17A2) and 0.13 μ g APC Anti-Mouse CD4 (APC-65141, Clone: RM4-5). Cells were not fixed.



1×10^6 C57BL/6 mouse splenocytes were surface stained with FITC-Anti-Mouse CD3 (FITC-65077, Clone: 17A2) and 0.13 μ g APC-Rat IgG2a isotype control antibody. Cells were not fixed.