

For Research Use Only

Atlantic Blue™ Anti-Mouse CD4 (RM4-4)



Catalog Number: AB-65199

Basic Information

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|------------------------------------|--|---|
| Catalog Number: AB-65199 | GenBank Accession Number: BC039137 | Purification Method: Affinity purification |
| Size: 100ug, 0.5 mg/ml | GeneID (NCBI): 12504 | CloneNo.: RM4-4 |
| Source: Rat | Full Name: CD4 antigen | Excitation/Emission maxima wavelengths: 404 nm / 458 nm |
| Isotype: IgG2b, 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

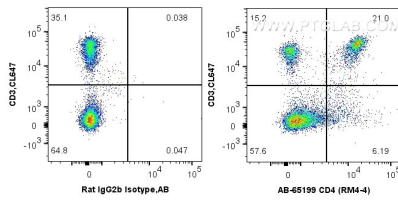
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

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 co-stained with CoraLite® Plus 647 Anti-Mouse CD3 (17A2) and 0.5 ug Atlantic Blue™ Anti-Mouse CD4 (AB-65199, Clone:RM4-4) or 0.5 ug Isotype Control. Cells were not fixed.