

For Research Use Only

# PE Anti-Rat CD4 (OX-35)

Catalog Number: PE-65179



## Basic Information

Catalog Number:

PE-65179

Size:

100ug, 0.5 mg/ml

Source:

Mouse

Isotype:

Mouse IgG2a kappa

GenBank Accession Number:

GeneID (NCBI):

24932

Full Name:

Cd4 molecule

Purification Method:

The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.

CloneNo.:

OX-35

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

## Applications

Tested Applications:

FC

Species Specificity:

Rat

## 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.

Storage Buffer:

PBS with 0.1% sodium azide.

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

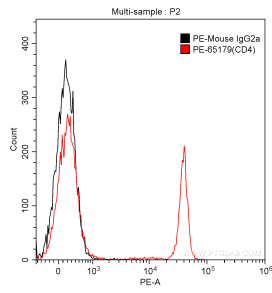
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1X10<sup>6</sup> Wistar rat splenocytes were surface stained with 0.25 ug PE Anti-Rat CD4 (PE-65179, Clone: OX-35) (red) or 0.25 ug isotype control antibody (black). Cells were not fixed.