

For Research Use Only

Anti-Rat CD4 (OX-35)

Catalog Number: 65179-1-Ig



Basic Information

Catalog Number:

65179-1-Ig

Size:

100ug, 1 mg/ml

Source:

Mouse

Isotype:

Mouse IgG2a kappa

GenBank Accession Number:

GeneID (NCBI):

24932

Full Name:

Cd4 molecule

Purification Method:

Purified by protein-A affinity chromatography

CloneNo.:

OX-35

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.

Storage Buffer:

PBS with 0.1% sodium azide.

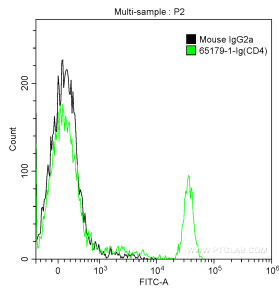
For technical support and original validation data for this product please contact:

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Selected Validation Data



1X10⁶ rat splenocytes were surface stained with 0.25 ug Anti-Rat CD4 (65179-1-Ig, Clone:OX-35) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), or stained with 0.25 ug Mouse IgG2a isotype control and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (black). Cells were not fixed.