

For Research Use Only

Anti-Human CD4 (OKT4)

Catalog Number: 65134-1-Ig



Basic Information

| | | |
|--------------------------------------|--|--|
| Catalog Number: 65134-1-Ig | GenBank Accession Number: BC025782 | Purification Method: Affinity purification |
| Size: 100ug, 0.5 mg/ml | GeneID (NCBI): 920 | CloneNo.: OKT4 |
| Source: Mouse | ENSEMBL Gene ID: ENSG00000010610 | |
| Isotype: IgG2b, kappa | UNIPROT ID: P01730 | |
| | Full Name: CD4 molecule | |
| | Calculated MW: 55 kDa | |

Applications

Tested Applications:
FC

Species Specificity:
Human

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. 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:

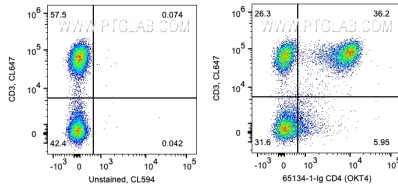
T: 4006900926

E: Proteintech-CN@ptglab.com

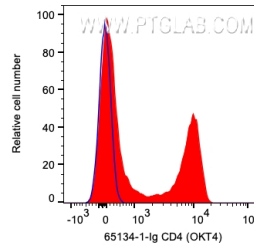
W: ptgcn.com

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Selected Validation Data



1X10⁶ human PBMCs were surface co-stained with CL647 Anti-Human CD3 and 0.2 ug Anti-Human CD4 (65134-1-Ig, Clone:OKT4) and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 or unstained. Cells were not fixed. Lymphocytes were gated.



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