

Nur für Forschungszwecke

CD4 Monoklonaler Antikörper

Katalog-Nr.: APC-65134



Allgemeine Informationen

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|--------------------------------------|--|--|
| Katalog-Nr.: APC-65134 | GenBank-Zugangsnummer: BC025782 | Reinigungsmethode: Affinitätsreinigung |
| Größe: 100tests, 5 µl/test | GeneID (NCBI): 920 | CloneNo.: OKT4 |
| Wirt: Maus | Vollständiger Name: CD4 molecule | Anregungs-/Emissionsmaxima-Wellenlängen: 650 nm / 660 nm |
| Isotyp: IgG2b, kappa | Berechnete Masse: 55 kDa | |

Anwendungen

Geprüfte Anwendungen:
FC

Getestete Reaktivität:
Human

Hintergrundinformationen

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).

Lagerung

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

Lagerungspuffer:
Phosphatbasierter Puffer mit 0,09% Natriumazid und 0,1% Gelatine, pH 7,2.

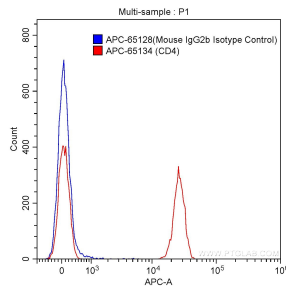
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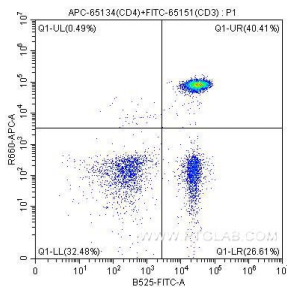
E: proteintech@ptglab.com
W: ptglab.com

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Ausgewählte Validierungsdaten



1X10⁶ human peripheral blood lymphocytes were surface stained with 0.125 ug APC-anti-human CD4 (APC-65134, clone OKT4) (red) or 0.125 ug APC-mouse IgG2b isotype control (blue). Cells were not fixed.



0.1 mL human whole blood cells were surface stained with 0.125 ug FITC-anti-human CD3 (FITC-65151, clone UCHT1) and 0.125 ug APC-anti-human CD4 (APC-65134, clone OKT4). Cells were then treated with red blood cell lysis buffer and were gated for lymphocytes for analysis of CD3 and CD4 staining. Cells were not fixed.