

Nur für Forschungszwecke

# CD28 Monoklonaler Antikörper

Katalog-Nr.: APC-65099



## Allgemeine Informationen

<b>Katalog-Nr.:</b> APC-65099	<b>GenBank-Zugangsnummer:</b> BC093698	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests, 5 µl/test	<b>GeneID (NCBI):</b> 940	<b>CloneNo.:</b> CD28.2
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> CD28 molecule	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 650 nm / 660 nm
<b>Isotyp:</b> IgG1, kappa	<b>Berechnete Masse:</b> 220 aa, 25 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

CD28 (T-cell-specific surface glycoprotein CD28), also known as T44 and Tp44, is a 44 kD disulfide-linked homodimeric type I glycoprotein (PMID: 2162180). It is a member of the immunoglobulin superfamily and is expressed on most T lineage cells, NK cell subsets, and plasma cells (PMID: 2162180, 8386518). CD28 may affect in vivo immune responses by functioning both as a cell adhesion molecule linking B and T lymphocytes and as the surface component of a novel signal transduction pathway (PMID: 2162180, 3021470). CD28 binds both CD80 and CD86 with a highly conserved motif MYPPY in the CDR3-like loop (PMID: 15696168, 7964482). CD28 is considered a major co-stimulatory molecule, inducing T lymphocyte activation and IL-2 synthesis, and preventing cell death (PMID: 1348520).

## 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.

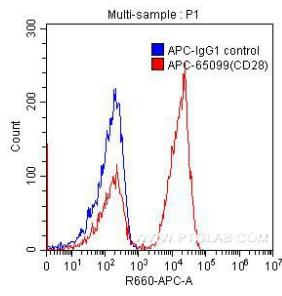
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with 0.25 ug APC-anti-human CD28 (APC-65099, clone CD28.2) (red) or 0.25 ug APC-mouse IgG1 isotype control (blue). Cells were not fixed.