

Nur für Forschungszwecke

# CD28 Monoklonaler Antikörper

Katalog-Nr.:FITC-65099



## Allgemeine Informationen

<b>Katalog-Nr.:</b> FITC-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> 495 nm / 524 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:**  
PBS with 0.09% sodium azide and 0.5% BSA.

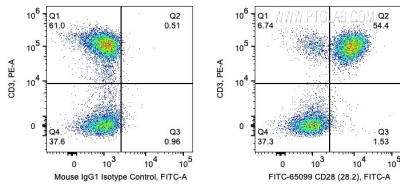
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

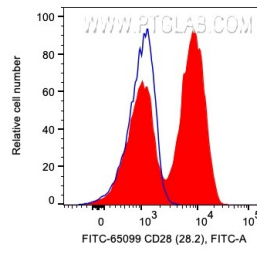
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human PBMCs were surface co-stained with PE Anti-Human CD3 and 5 ul FITC Plus Anti-Human CD28 (FITC-65099, Clone: CD28.2) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



1X10<sup>6</sup> human PBMCs were surface stained with 5 ul FITC Plus Anti-Human CD28 (FITC-65099, Clone: CD28.2) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.