

Nur für Forschungszwecke

# CD80 Monoklonaler Antikörper

Katalog-Nr.:FITC-65217



## Allgemeine Informationen

<b>Katalog-Nr.:</b> FITC-65217	<b>GenBank-Zugangsnummer:</b> XM_017597885	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100ug , 500 µg/ml	<b>GeneID (NCBI):</b> 25408	<b>CloneNo.:</b> 3H5
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> Cd80 molecule	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 495 nm / 524 nm
<b>Isotyp:</b> IgG1, kappa	<b>Berechnete Masse:</b> 36 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC  
**Getestete Reaktivität:**  
Ratte

## Hintergrundinformationen

CD80 (also known as B7-1) is a type I membrane protein that is a member of the immunoglobulin superfamily, with an extracellular immunoglobulin constant-like domain and a variable-like domain required for receptor binding. It is expressed on antigen-presenting cells (APCs), including B cells, dendritic cells, monocytes, and macrophages. CD80 is the receptor for the proteins CD28 and CTLA-4 found on the surface of T-cells. It is involved in the costimulatory signal essential for T-lymphocyte activation. T-cell proliferation and cytokine production is induced by the binding of CD28, binding to CTLA-4 has opposite effects and inhibits T-cell activation. CD80 also acts as a cellular attachment receptor for adenovirus subgroup B. (PMID: 7545666; 12015893; 16920215)

## Lagerung

**Lagerungsbedingungen:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
**Lagerungspuffer:**  
PBS with 0.09% sodium azide.

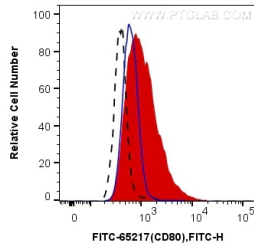
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> unstimulated (dashed) or LPS-stimulated Wistar rat splenocytes were surface stained with 0.5 ug FITC Plus Anti-Rat CD80 (FITC-65217, Clone: 3H5) (red), or 0.5 ug Control Antibody. Cells were not fixed.