

Nur für Forschungszwecke

# CD80 (B7-1) Monoklonaler Antikörper

Katalog-Nr.:CL488-65076



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-65076	<b>GenBank-Zugangsnummer:</b> BC131959	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 12519	<b>CloneNo.:</b> 16-10A1
<b>Wirt:</b> Armenian Hamster	<b>Vollständiger Name:</b> CD80 antigen	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 493 nm / 522 nm
<b>Isotyp:</b> IgG		

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Maus

## 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:**  
Bei 2-8°C lagern. Vor Licht schützen.

**Lagerungspuffer:**  
PBS mit 0,1% Natriumazid und 0,5% BSA, pH 7,3.

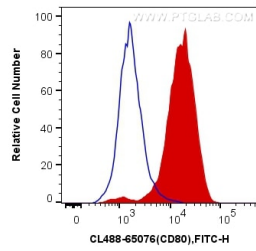
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> Balb/c mouse peritoneal macrophages were surface stained with 5 ul CoraLite® Plus 488 Anti-Mouse CD80 (B7-1) (CL488-65076, Clone: 16-10A1) (red) or isotype control (blue). Cells were not fixed.