

Nur für Forschungszwecke

CD80 (B7-1) Monoklonaler Antikörper



Katalog-Nr.: PE-65076

1 Publikationen

Allgemeine Informationen

| | | |
|-----------------------------------|--|--|
| Katalog-Nr.: PE-65076 | GenBank-Zugangsnummer: BC131959 | Reinigungsmethode: Affinitätsreinigung |
| Größe: 100ug, 0.2 mg/ml | GeneID (NCBI): 12519 | CloneNo.: 16-10A1 |
| Wirt: Armenian Hamster | Vollständiger Name: CD80 antigen | Anregungs-/Emissionsmaxima-Wellenlängen: 496 nm, 565 nm / 578 nm |
| Isotyp: IgG | | |

Anwendungen

Geprüfte Anwendungen:
FC

In Publikationen genannte Anwendungen:
FC

Getestete Reaktivität:
Maus

Zitierte Arten:
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)

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|------------|-----------|-------------------|-----------|
| Xudong Fan | 36382303 | Asian J Pharm Sci | FC |

Lagerung

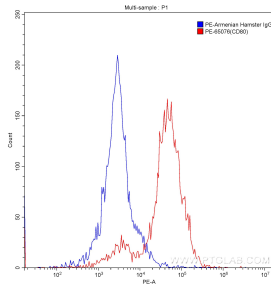
Lagerungsbedingungen:
Bei 2-8°C lagern. Vor Licht schützen.

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

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Ausgewählte Validierungsdaten



1X10⁶ BALB/c mouse peritoneal macrophages were surface stained with 0.20 ug PE-Anti-Mouse CD80 (B7-1) (PE-65076, clone 16-10A1) (red) or 0.20 ug PE-Armenian Hamster IgG isotype control (blue). Cells were not fixed.