

Nur für Forschungszwecke

CD80 (B7-1) Monoklonaler Antikörper



Katalog-Nr.: FITC-65076

5 Publikationen

Allgemeine Informationen

Katalog-Nr.: FITC-65076	GenBank-Zugangsnummer: BC131959	Reinigungsmethode: Affinitätsreinigung
Größe: 100ug, 0.5 mg/ml	GeneID (NCBI): 12519	CloneNo.: 16-10A1
Wirt: Armenian Hamster	Vollständiger Name: CD80 antigen	Anregungs-/Emissionsmaxima- Wellenlängen: 494 nm / 520 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
Xiaojin Chen	36297436	Pharmaceutics	FC
Xianglong Yu	36109853	ACS Appl Mater Interfaces	FC
Ping Yang	36184646	Nat Commun	FC

Lagerung

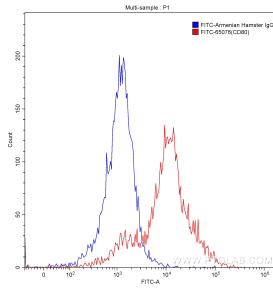
Lagerungsbedingungen:
Bei 2-8°C lagern. Vor Licht schützen.

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

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



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