

Nur für Forschungszwecke

CD80/B7-1 Polyklonaler Antikörper

Katalog-Nr.: 14292-1-AP

18 Publikationen



Allgemeine Informationen

Katalog-Nr.: 14292-1-AP	GenBank-Zugangsnummer: BC042665	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 700 µg/ml von Nanodrop;	GeneID (NCBI): 941	Empfohlene Verdünnungen: WB 1:500-1:2000
Wirt: Kaninchen	Vollständiger Name: CD80 molecule	
Isotyp: IgG	Berechnete Masse: 33 kDa	
Immunogen Katalognummer: AG5615	Beobachtete Masse: 60 kDa	

Anwendungen

Geprüfte Anwendungen: FC, WB, ELISA	Positivkontrollen: WB: Raji-Zellen, Ramos-Zellen, RAW 264.7-Zellen
In Publikationen genannte Anwendungen: Cell treatment, FC, IF, IHC, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human, 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
Haoran Wang	35087966	Bioact Mater	FC
Wen Song	36260348	J Med Chem	FC
Jiayu Zhang	35530972	Int J Nanomedicine	Cell treatment

Lagerung

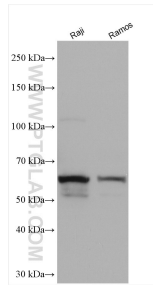
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

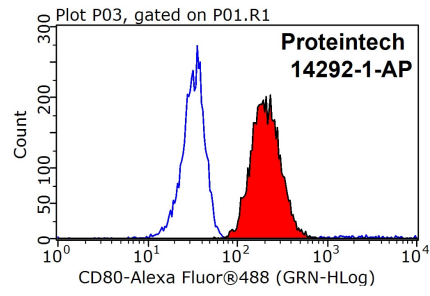
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 14292-1-AP (CD80/B7-1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



1×10^6 Raji cells were stained with 0.2 μ g CD80/B7-1 antibody (14292-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.