

Allgemeine Informationen

Katalog-Nr.: 66406-1-Ig	GenBank-Zugangsnummer: BC042665	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1500 µg/ml von941 Nanodrop;	GeneID (NCBI): Vollständiger Name: CD80 molecule	CloneNo.: 1E2F10
Wirt: Maus	Berechnete Masse: 33 kDa	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:50-1:500
Isotyp: IgG1	Beobachtete Masse: 68 kDa	
Immunogen Katalognummer: AG5615		

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : Raji-Zellen, Daudi-Zellen IHC : humanes Tonsillitisgewebe,
In Publikationen genannte Anwendungen: FC, IF, IHC, WB	
Getestete Reaktivität: Hausschwein, Human, Maus	
Zitierte Arten: Hausschwein, Human, Maus, Ratte	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

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
Yan Yang	34582523	Biomater Sci	FC
Chenxia Juan	30243953	Int J Biochem Cell Biol	WB
Yuanhang Li	30411299	Pathol Oncol Res	WB

Lagerung

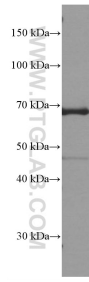
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

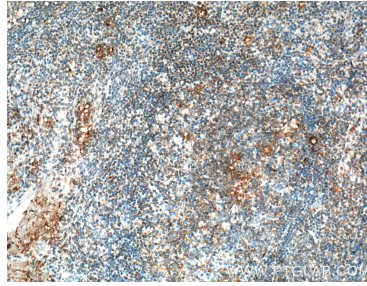
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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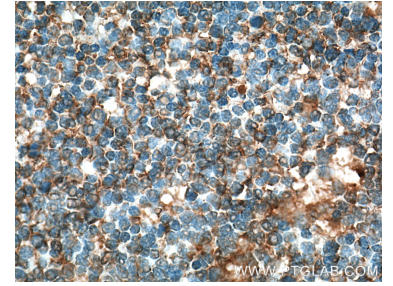
Ausgewählte Validierungsdaten



Raji cells were subjected to SDS PAGE followed by western blot with 66406-1-Ig (CD80 / B7-1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66406-1-Ig (CD80 / B7-1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66406-1-Ig (CD80 / B7-1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).