

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD80/B7-1



Numéro de catalogue: 66406-1-Ig

22 Publications

Informations de base

Numéro de catalogue: 66406-1-Ig	Numéro d'acquisition GenBank: BC042665	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1500 µg/ml by Nanodrop;	Identification du gène (NCBI): 941	CloneNo.: 1E2F10
Hôte: Mouse	Nom complet: CD80 molecule	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:50-1:500
Isotype: IgG1	MW calculé: 33 kDa	
Immunogen Catalog Number: AG5615	MW observés: 68 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

FC, IF, IHC, WB

Spécificité de l'espèce:

Humain, porc, souris

Espèces citées:

Humain, porc, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules Raji, cellules Daudi, cellules DC2.4

IHC : tissu d'amygdalite humain,

Informations générales

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)

Publications notables

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

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

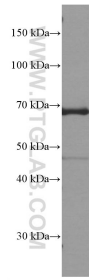
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

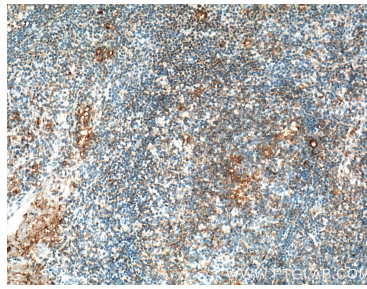
E: proteintech@ptglab.com
W: ptglab.com

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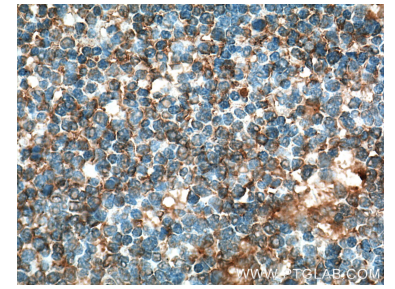
Données de validation sélectionnées



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).