

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD80 (B7-1)



Numéro de catalogue: FITC-65076

5 Publications

Informations de base

Numéro de catalogue:

FITC-65076

Taille:

100ug, 0.5 mg/ml

Hôte:

Armenian Hamster

Isotype:

IgG

Numéro d'acquisition GenBank:

BC131959

Identification du gène (NCBI):

12519

Nom complet:

CD80 antigen

Méthode de purification:

Purification par affinité

CloneNo.:

16-10A1

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Applications testées:

FC

Demandes citées:

FC

Spécificité de l'espèce:

souris

Espèces citées:

souris

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
Xiaojin Chen	36297436	Pharmaceutics	FC
Xianglong Yu	36109853	ACS Appl Mater Interfaces	FC
Ping Yang	36184646	Nat Commun	FC

Stockage

Stockage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:

PBS with 0.09% sodium azide.

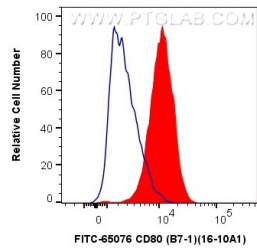
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W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



1X10⁶ Balb/c mouse peritoneal macrophages were surface stained with 0.5 ug FITC Anti-Mouse CD80 (B7-1) (FITC-65076, Clone:16-10A1) (red), or 0.5 ug Isotype Control. Cells were not fixed.