

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD80 (B7-1)



Numéro de catalogue: PE-65076

2 Publications

## Informations de base

Numéro de catalogue:

PE-65076

Taille:

100ug, 0.2 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:

496 nm, 565 nm / 578 nm

## Applications

Applications testées:

FC

Demandes citées:

FC

Spécificité de l'espèce:

souris

Espèces citées:

Humain, 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
Xudong Fan	36382303	Asian J Pharm Sci	FC
Juan Yin	37567009	Int Immunopharmacol	FC

## Stockage

Stockage:

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

Tampon de stockage:

PBS with 0.1% sodium azide and 0.5% BSA.

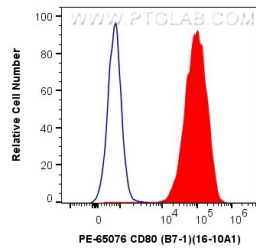
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## Données de validation sélectionnées



1X10<sup>6</sup> Balb/c mouse peritoneal macrophages were surface stained with 0.5 ug PE Anti-Mouse CD80 (B7-1) (PE-65076, Clone:16-10A1) (red), or 0.5 ug Isotype Control. Cells were not fixed.