

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD80 (B7-1)



Numéro de catalogue: 65083-1-Ig

## Informations de base

Numéro de catalogue:

65083-1-Ig

Taille:

100ug, 500 µg/ml

Hôte:

Mouse

Isotype:

IgG1, kappa

Numéro d'acquisition GenBank:

BC042665

Identification du gène (NCBI):

941

Nom complet:

CD80 molecule

MW calculé

33 kDa

Méthode de purification:

Purification par affinité

CloneNo.:

2D10.4

## Applications

Applications testées:

FC

Spécificité de l'espèce:

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)

## Stockage

Stockage:

Store at 2-8°C. Stable for one year after shipment.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 %, pH 7,3.

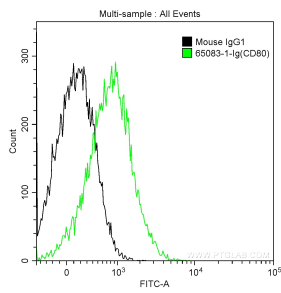
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## Données de validation sélectionnées



1X10<sup>6</sup> Daudi cells were surface stained with 0.25 ug Anti-Human CD80 (B7-1) (65083-1-Ig, Clone: 2D10.4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), or stained with 0.25 ug isotype control and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (black). Cells were not fixed.