

CD80 Monoklonaler Antikörper

Katalog-Nr.: CL647-65217

Allgemeine Informationen

Katalog-Nr.: CL647-65217	GenBank-Zugangsnummer: XM_017597885	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ug , 500 µl/test	GeneID (NCBI): 25408	CloneNo.: 3H5
Wirt: Maus	Vollständiger Name: Cd80 molecule	Anregungs-/Emissionsmaxima- Wellenlängen: 654 nm / 674 nm
Isotyp: IgG1, kappa	Berechnete Masse: 36 kDa	

Anwendungen

Geprüfte Anwendungen:
FC

Getestete Reaktivität:
Ratte

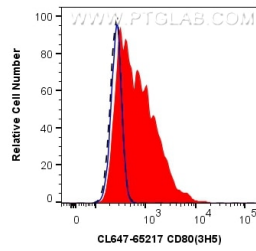
Hintergrundinformationen

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)

Lagerung

Lagerungsbedingungen:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Lagerungspuffer:
PBS mit 0,1% Natriumazid und 0,5% BSA, pH 7,3.

Ausgewählte Validierungsdaten



1X10⁶ unstimulated (dashed) or LPS-stimulated Wistar rat splenocytes were surface stained with 0.5 ug CoraLite® Plus 647 Anti-Rat CD80 (CL647-65217, Clone:3H5) (red), or 0.5 ug Control Antibody. Cells were not fixed.