

À des fins de recherche uniquement

# Anticorps Monoclonal anti-IL-4

Numéro de catalogue: **CL647-65074**



## Informations de base

Numéro de catalogue:

CL647-65074

Taille:

100ug, 0.5 mg/ml

Hôte:

Rat

Isotype:

IgG1

Numéro d'acquisition GenBank:

BC027514

Identification du gène (NCBI):

16189

Nom complet:

interleukin 4

Méthode de purification:

Purification par affinité

CloneNo.:

11B11

Excitation/Emission maxima

wavelengths:

654 nm / 674 nm

## Applications

Applications testées:

FC (Intra)

Spécificité de l'espèce:

souris

## Informations générales

Interleukin-4 (IL-4), a member of the  $\alpha$ -helical cytokine family, is produced by activated CD4<sup>+</sup> T cells, basophils, and mast cells. It promotes the proliferation and differentiation of antigen presenting cells. IL-4 also plays a pivotal role in antibody isotype switching and stimulates the production of IgE. This cytokine has been applied in the treatment of autoimmune disorder like multiple myeloma, cancer, psoriasis, and arthritis. IL-4 has also been extensively applied to inhibit detrimental effect of Th1. It may promote the growth of epithelial tumors by mediating increased proliferation and survival. (PMID: 24489573;3049907;21663408)

## Stockage

Stockage:

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

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % et BSA à 0,5 %, pH 7,3.

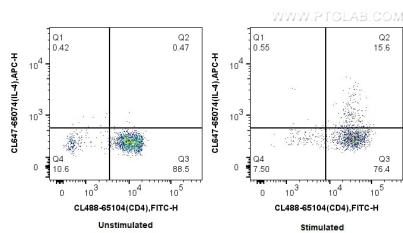
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## Données de validation sélectionnées



1X10<sup>6</sup> unstimulated or PMA and ionomycin stimulated (in the presence of protein transport inhibitors) mouse Th2-polarized splenocytes were surface stained with 0.25 ug CoraLite488 Anti-Mouse CD4 (Gk1.5) (CL488-65104, Clone: Gk1.5). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C), and then intracellularly stained with 0.25 ug CoraLite® Plus 647 Anti-Mouse IL-4 (CL647-65074, Clone: 11B11).