# Anticorps Monoclonal anti-IL-4

Numéro de catalogue:65074-1-Ig

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Antibodies | ELISA kits | Proteins
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## Informations de base

**Numéro de catalogue:**
65074-1-Ig

**Taille:**
100ug , 0.5 mg/ml

**Hôte:**
Rat

**Isotype:**
IgG1, kappa

**Numéro d'acquisition GenBank:**
BC027514

**Identification du gène (NCBI):**
16189

**Nom complet:**
interleukin 4

**Méthode de purification:**
Purification par affinité

**CloneNo.:**
11B11

## Applications

**Applications testées:**
FC

**Spécificité de l'espèce:**
souris

## Informations générales

Interleukin-4 (IL-4), a member of the α-helical cytokine family, is produced by activated CD4+ 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 disorders 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. Stable for one year after shipment.
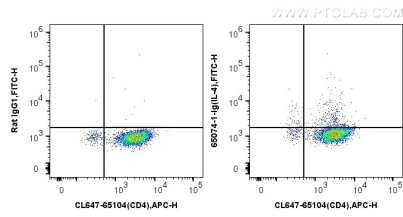**Tampon de stockage:**
PBS with 0.09% sodium azide.

# Données de validation sélectionnées



1X10^6 PMA and ionomycin stimulated (in the presence of protein transport inhibitors) mouse Th2-polarized splenocytes were surface stained with CoraLite®647 Anti-Mouse CD4 (CL647-65104, Clone: GK1.5). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C), and then intracellularly stained with 0.5 ug Anti-Mouse IL-4 (65074-1-Ig, Clone:11B11) or Isotype Control.