

Nur für Forschungszwecke

# IL-4 Monoklonaler Antikörper

Katalog-Nr.: FITC-65074



## Allgemeine Informationen

<b>Katalog-Nr.:</b> FITC-65074	<b>GenBank-Zugangsnummer:</b> BC027514	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100ug, 0.5 mg/ml	<b>GeneID (NCBI):</b> 16189	<b>CloneNo.:</b> 11B11
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> interleukin 4	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 495 nm / 524 nm
<b>Isotyp:</b> IgG1, kappa		

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Maus

## Hintergrundinformationen

Interleukin-4 (IL-4), a member of the  $\alpha$ -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 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)

## Lagerung

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

**Lagerungspuffer:**  
PBS with 0.09% sodium azide.

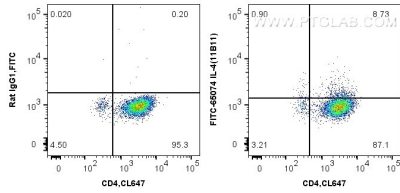
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> PMA and ionomycin stimulated (in the presence of protein transport inhibitors) mouse Th2-polarized splenocytes were surface stained with CoraLite®647 Anti-Mouse CD4 (GK1.5) (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 FITC Anti-Mouse IL-4 (FITC-65074, Clone: 11B11) or Isotype Control.