

产品概述

产品名 (Product Name)	Anti IL4 polyclonal antibody
货号 (Catalog No.)	ATP111
种类 (Category)	Primary antibody
宿主 (Host)	Rabbit
反应种属 (Species specificity)	Human, other species was not test
应用实验 (Tested applications)	WB: 1:2000~1:8000, ICC: 1:50~200, IHC: 1:50~100
克隆性 (Clonality)	Polyclonal
偶连物 (Conjugation)	Unconjugated
免疫原 (Immunogen)	Recombinant protein of human IL4(His25-Ser153).
别名	Interleukin-4, B-cell stimulatory factor 1, Binetrakin, Lymphocyte stimulatory factor 1, Pitrakinra
Uniprot ID	P05112

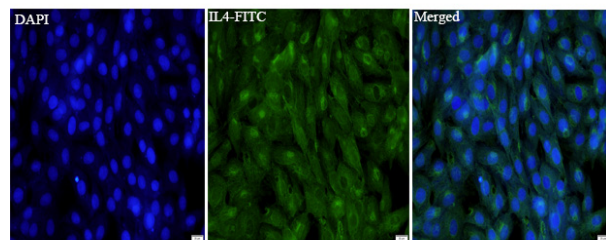
产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	PBS, pH 7.4, containing 0.05% proclin300, 50% glycerol.
存放条件 (Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4°C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
浓度 (Concentration)	0.79mg/ml
亚型 (Isotype)	IgG
分子量 (MW)	17kDa
纯化方式 (Purity)	Antigen affinity purification

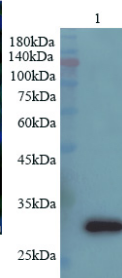
应用

WB, ICC, IHC

产品实验图片



Immunofluorescent analysis of H929 cells using IL4 antibody at dilution of 1:100 and Alexa Fluor-488 conjugated Affinipure Goat anti rabbit IgG(H+L).



Lysate: 0.1 µg/lane
Lane 1: recombinant protein of IL4

Predicted band size: 28kDa
Observed band size: 28kDa

Recombinant protein of IL4 were subjected to SDS PAGE followed by western blot with rabbit anti IL4 antibody at dilution of 1:4000.

产品背景

IL4 is a cytokine produced by CD4⁺ T cells in response to helminthes and other extracellular parasites. It promotes the proliferation and differentiation of antigen presenting cells. IL4 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. IL4 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.