

À des fins de recherche uniquement

Anticorps Monoclonal anti-IL-4

Numéro de catalogue: 66142-1-Ig

Phare

35 Publications



Informations de base

Numéro de catalogue: 66142-1-Ig	Numéro d'acquisition GenBank: BC070123	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1264 µg/ml by Nanodrop and 740 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3565	CloneNo.: 1G2C5
Hôte: Mouse	Nom complet: interleukin 4	Dilutions recommandées: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:200-1:800
Isotype: IgG2a	MW calculé: 153 aa, 17 kDa	
Immunogen Catalog Number: AG9940	MW observés: 18 kDa	

Applications

Applications testées: FC, IF, IHC, WB, ELISA	Contrôles positifs: WB : cellules Jurkat, IHC : tissu d'amygdalite humain, IF : tissu de cancer du sein humain,
Demandes citées: ELISA, IF, IHC, WB	
Spécificité de l'espèce: Humain, porc	
Espèces citées: bovin, Humain, porc, rat, souris	

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Teresa W-M Fan	36150727	J Immunol	
YuanPing Hai	36128805	Thyroid	IHC
Xuemei Zong	31515743	Transl Stroke Res	WB

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

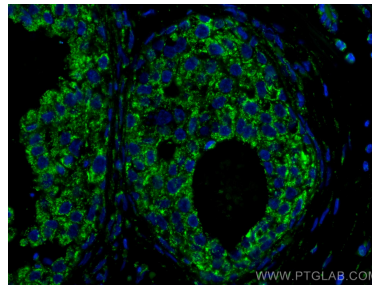
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

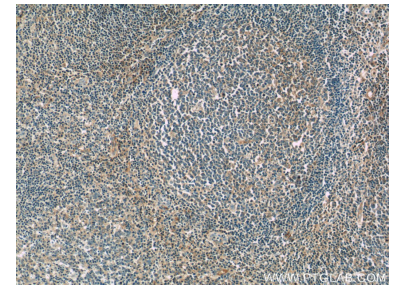
Données de validation sélectionnées



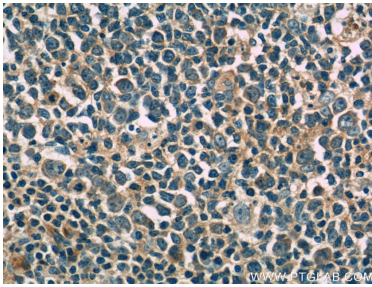
Jurkat cells were subjected to SDS PAGE followed by western blot with 66142-1-Ig (IL-4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



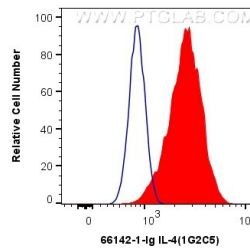
Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using IL-4 antibody (66142-1-Ig, Clone: 1G2C5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66142-1-Ig (IL-4 antibody at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66142-1-Ig (IL-4 antibody at dilution of 1:50 (under 40x lens).



1X10⁶ Ramos cells were intracellularly stained with 0.4 ug Anti-Human IL-4 (66142-1-Ig, Clone:1G2C5) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2a Isotype Control (66360-2-Ig, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).