

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-IL-10RA



Numéro de catalogue: 13356-1-AP

1 Publications

Informations de base

Numéro de catalogue:

13356-1-AP

Taille:

150ul, Concentration: 350 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4156

Numéro d'acquisition GenBank:

BC028082

Identification du gène (NCBI):

3587

Nom complet:

interleukin 10 receptor, alpha

MW calculé

578 aa, 63 kDa

MW observés:

70-72 kDa, 90-95 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

Applications

Applications testées:

FC, WB, ELISA

Demandes citées:

IF

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

souris

Contrôles positifs:

WB : cellules HeLa, cellules K-562, tissu cardiaque humain, tissu cérébral de rat, tissu cérébral de souris, tissu hépatique de rat, tissu hépatique humain, tissu placentaire humain

Informations générales

Interleukin-10 (IL-10) is an anti-inflammatory cytokine that plays a critical role in maintaining immune system balance. IL-10 signals through a receptor complex consisting of two molecules of the IL-10R alpha-chain (IL-10RA) and two molecules of the accessory IL-10R beta-chain (IL-10RB) (PMID: 22236434). IL-10RA and IL-10RB are members of the type II cytokine receptor family. IL-10RA, also known as IL-10R1 or CD210, is expressed on most hematopoietic cells at a basal level but is upregulated by various cells upon activation (PMID: 24507158). IL-10RA serves as the ligand-binding subunit of the receptor complex. Upon binding of IL-10 to the IL-10R complex, the kinases JAK1 and TYK2 are activated and catalyze the phosphorylation of IL-10RA at specific intracellular tyrosine residues, leading to the recruitment and subsequent phosphorylation of STAT3 (PMID: 11244051; 10433356).

Publications notables

Autrice	Pubmed ID	Journal	Application
Yanli Ma	37638046	Front Immunol	IF

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.

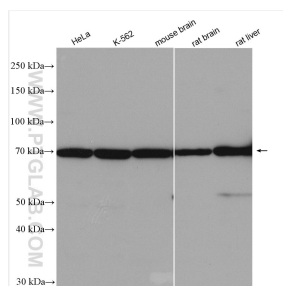
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

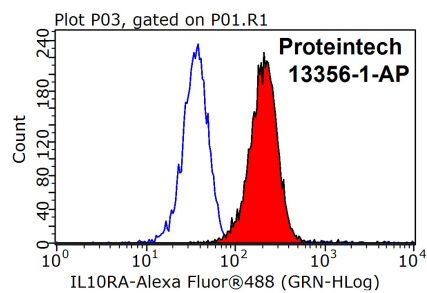
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 13356-1-AP (IL-10RA antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



1×10^6 K-562 cells were stained with 0.2 μ g IL10RA antibody (13356-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.