

Nur für Forschungszwecke

# IL-10RA Polyklonaler Antikörper

Katalog-Nr.:13356-1-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 13356-1-AP	<b>GenBank-Zugangsnummer:</b> BC028082	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 350 µg/ml von Nanodrop und 200 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 3587	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> interleukin 10 receptor, alpha	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 578 aa, 63 kDa	
<b>Immunogen Katalognummer:</b> AG4156	<b>Beobachtete Masse:</b> 70-72 kDa, 90-95 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, WB, ELISA	<b>Positivkontrollen:</b> WB : HeLa-Zellen, humanes Herzgewebe, humanes Lebergewebe, humanes Plazenta-Gewebe, K-562-Zellen, Maushirngewebe, Rattenhirngewebe, Rattenlebergewebe
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	

## Hintergrundinformationen

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).

## Lagerung

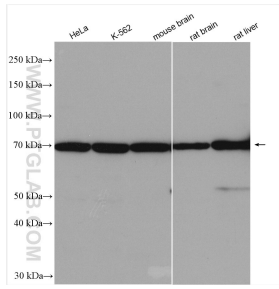
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

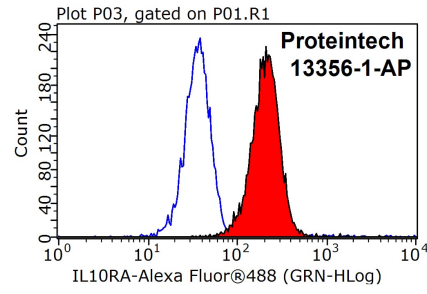
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Ausgewählte Validierungsdaten



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.



$1 \times 10^6$  K-562 cells were stained with 0.2  $\mu$ 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.