

Nur für Forschungszwecke

# IL-10 Polyklonaler Antikörper

Katalog-Nr.:20850-1-AP

92 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 20850-1-AP	<b>GenBank-Zugangsnummer:</b> BC104252	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 600 µg/ml von Nanodrop und 367 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 3586	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> interleukin 10	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 21 kDa	
<b>Immunogen Katalognummer:</b> AG14644		

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB : Recombinant protein, ag14644
<b>In Publikationen genannte Anwendungen:</b> ELISA, IF, IHC, WB	
<b>Getestete Reaktivität:</b> Human	
<b>Zitierte Arten:</b> Affe, Hausschwein, Human, Maus, Ratte	

## Hintergrundinformationen

The human IL10 gene is 4.7 kb in size and is located on the long arm of chromosome 1. It contains five exons. Biologically functional IL-10 exists in the form of a 36 kDa homodimer composed of two non-covalently bonded mono-mers each with 160 amino acids length. IL-10 is an anti-inflammatory cytokine, produced by T helper (Th) cells, macrophages, monocytes, and B cells, that plays a crucial role in preventing inflammatory and autoimmune pathologies. It downregulates the expression of Th1 cytokines, MHC class II antigens, and co-stimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. IL-10 can block NF-κB activity, and is involved in the regulation of the JAK-STAT signaling pathway. IL-10, along with its receptors, describes an important role in pathogenesis of various diseases, including infectious, inflammatory, autoimmune diseases. IL-10 mutations are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zhaohua Shen	36182776	EBioMedicine	IHC
Chengmei Huang	34583750	J Exp Clin Cancer Res	WB
Zhihong Min	30546456	Oncol Lett	

## Lagerung

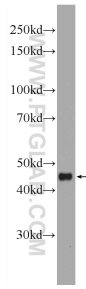
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 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

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

## Ausgewählte Validierungsdaten



Recombinant protein were subjected to SDS PAGE followed by western blot with 20850-1-AP (IL-10) antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.