

Nur für Forschungszwecke

# IL-6 Monoklonaler Antikörper

Katalog-Nr.: 66146-1-Ig

Vorgestelltes Produkt

143 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 66146-1-Ig	<b>GenBank-Zugangsnummer:</b> BC015511	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul, Konzentration: 2000 µg/ml von 3569 Nanodrop und 1109 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> interleukin 6 (interferon, beta 2)	<b>CloneNo.:</b> 1A3B4
<b>Wirt:</b> Maus	<b>Berechnete Masse:</b> 212 aa, 24 kDa	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:6000
<b>Isotyp:</b> IgG2b	<b>Beobachtete Masse:</b> 24 kDa	
<b>Immunogen Katalognummer:</b> AG10646		

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB: U-87 MG-Zellen, HUVEC-Zellen, Jurkat-Zellen
<b>In Publikationen genannte Anwendungen:</b> ELISA, IF, IHC, WB	
<b>Getestete Reaktivität:</b> Human	
<b>Zitierte Arten:</b> Hausschwein, Human	

## Hintergrundinformationen

Interleukin-6 (IL-6) is an interleukin that acts as both a pro-inflammatory and anti-inflammatory cytokine. IL-6 protein is secreted by a variety of cell types including T cells and macrophages as phosphorylated and variably glycosylated molecule. IL-6 plays an essential role in the final differentiation of B-cells into Ig-secreting cells involved in lymphocyte and monocyte differentiation. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation. Acts on B-cells, T-cells, hepatocytes, hematopoietic progenitor cells and cells of the CNS. IL-6 is also considered a myokine, a cytokine produced from muscle, and is elevated in response to muscle contraction. IL-6 has been shown to interact with interleukin-6 receptor and glycoprotein 130. Additionally, IL-6 is involved in hematopoiesis, bone metabolism, and cancer progression, and has been defined an essential role in directing transition from innate to acquired immunity.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Huidong Wang	36249770	Front Pharmacol	IF
Qingtao Meng	34634699	J Hazard Mater	IF
Teresa W-M Fan	36150727	J Immunol	

## Lagerung

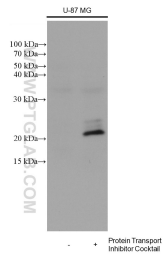
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

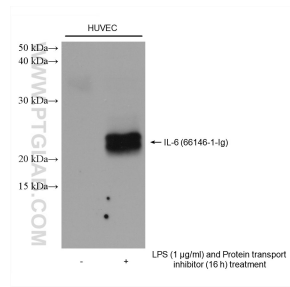
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

## Ausgewählte Validierungsdaten



Non-treated and protein transport inhibitor treated U-87 MG cells were subjected to SDS PAGE followed by western blot with 66146-1-Ig (IL-6 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Non-treated, LPS and protein transport inhibitor treated HUVEC cells were subjected to SDS PAGE followed by western blot with 66146-1-Ig (IL-6 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.