

À des fins de recherche uniquement

# Anticorps Monoclonal anti-IL-6

Numéro de catalogue: 66146-1-Ig

Phare

148 Publications



## Informations de base

<b>Numéro de catalogue:</b> 66146-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC015511	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul, Concentration: 2000 µg/ml by Nanodrop and 1109 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 3569	<b>CloneNo.:</b> 1A3B4
<b>Hôte:</b> Mouse	<b>Nom complet:</b> interleukin 6 (interferon, beta 2)	<b>Dilutions recommandées:</b> WB 1:1000-1:6000
<b>Isotype:</b> IgG2b	<b>MW calculé:</b> 212 aa, 24 kDa	
<b>Immunogen Catalog Number:</b> AG10646	<b>MW observés:</b> 24 kDa	

## Applications

<b>Applications testées:</b> WB, ELISA	<b>Contrôles positifs:</b> WB : cellules MG U-87, cellules HUVEC, cellules Jurkat, Protéine recombinante
<b>Demandes citées:</b> ELISA, IF, IHC, WB	
<b>Spécificité de l'espèce:</b> Humain	
<b>Espèces citées:</b> Humain, porc	

## Informations générales

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.

## Publications notables

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

## Stockage

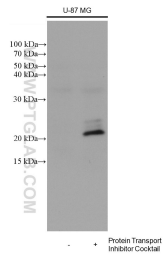
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

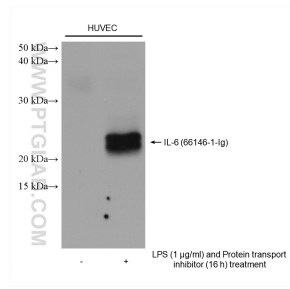
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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## Données de validation sélectionnées



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.