

À des fins de recherche uniquement

Anticorps Monoclonal anti-NeutraControl IL-6



Numéro de catalogue: 69501-1-Ig **1 Publications**

Informations de base

Numéro de catalogue: 69501-1-Ig	Numéro d'acquisition GenBank: Identification du gène (NCBI): 3569	Méthode de purification: Purification par protéine G
Taille: 100ug	Nom complet: interleukin 6 (interferon, beta 2)	CloneNo.: 1E9B8
Hôte: Mouse		
Isotype: IgG1		
Immunogen Catalog Number: HZ-1019		

Applications

Applications testées:
Non-Neutralization, ELISA

Demandes citées:
ELISA

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

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.

This antibody is a neutralizing control antibody for IL-6, the immunogen is the same as Neutrakine 69001-1-Ig but could not neutralize human IL-6.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yao Zhang	36356714	Free Radic Biol Med	ELISA

Stockage

Stockage:
Les anticorps lyophilisés sont stables pendant 1 an à compter de la date de réception s'ils sont stockés à une température comprise entre -20 °C et -80 °C. Après reconstitution, nous recommandons que la solution soit stockée à (4 °C) pour une courte durée ou à une température comprise entre (-20 °C) et (-80 °C) pour une longue durée. Il convient d'éviter les cycles répétés de congélation-décongélation avec les produits reconstitués.

Tampon de stockage:
PBS stérile.

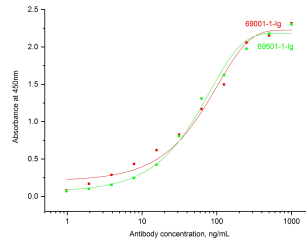
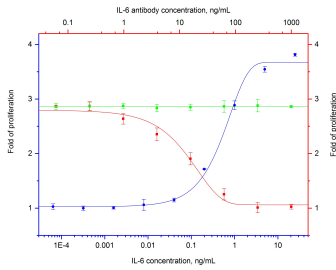
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

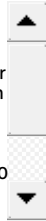
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



Recombinant human IL-6 (Cat.NO. HZ-1019) stimulates proliferation of hybridoma (Proteintech mouse anti-GST clone 3G12B10) in a dose-dependent manner (blue curve, refer to bottom X-left Y axis). The activity of human IL-6 (1 ng/mL HZ-1019) is neutralized by mouse anti-human IL-6 monoclonal antibody 69001-1-Ig at serial dose (red curve, refer to top X-right Y axis). The ND50 is typically 10-30 ng/mL. The NeutraControl mouse anti-human IL-6 monoclonal antibody 69501-1-Ig could



Indirect ELISA was carried out by coating recombinant Human IL-6 (Cat.NO. HZ-1019) at 70 ng/well followed by blocking and adding serial diluted IL-6 antibody 69001-1-Ig and 69501-1-Ig respectively. Signal was developed with TMB and stopped by H2SO4. Signal strength was measured by absorbance at 450 nm.