

À des fins de recherche uniquement

Anticorps Monoclonal anti-NeutraKine® IL-3



Numéro de catalogue: 69004-1-Ig

Informations de base

Numéro de catalogue: 69004-1-Ig	Numéro d'acquisition GenBank: 3562	Méthode de purification: Purification par protéine G
Taille: 100ug	Identification du gène (NCBI): interleukin 3 (colony-stimulating factor, multiple)	CloneNo.: 3C11G7
Hôte: Mouse		
Isotype: IgG1		
Immunogen Catalog Number: HZ-1074		

Applications

Applications testées:
Neutralization, ELISA

Spécificité de l'espèce:
Humain

Informations générales

Interleukin-3 (IL-3) is a multilineage hematopoietic growth factor that promotes the proliferation, differentiation and survival of early multilineage hematopoietic progenitors. In particular, this cytokine plays a key role in stimulating the proliferation and survival of myeloid precursors. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders (PMID: 24103757;2698876;2809196).

This antibody can be used to neutralize the bioactivity of IL-3.

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.

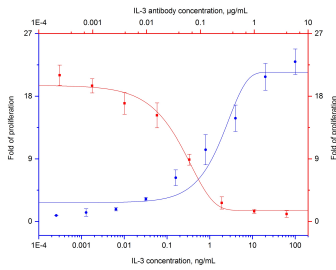
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

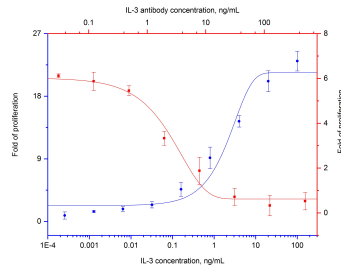
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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-3 (Cat.NO. HZ-1074) stimulates proliferation of TF-1 cell line (human erythroleukemic cell line) in a dose-dependent manner (blue curve, refer to bottom X-left Y). The activity of human IL-3 (10 ng/mL HZ-1074) is neutralized by mouse anti-human IL-3 monoclonal antibody 69004-1-Ig at serial dose (red curve, refer to top X-right Y). The ND50 is typically 40-70 ng/mL.



Recombinant human IL-3 (Cat.NO. HZ-1074) stimulates proliferation of TF-1 cell line (human erythroleukemic cell line) in a dose-dependent manner (blue curve, refer to bottom X-left Y). The activity of human IL-3 (0.5 ng/mL HZ-1074) is neutralized by mouse anti-human IL-3 monoclonal antibody 69004-1-Ig at serial dose (red curve, refer to top X-right Y). The ND50 is typically 0.8-2.4 ng/mL.