

À des fins de recherche uniquement

Anticorps Monoclonal anti-NeutraControl SCF



Numéro de catalogue: 69530-1-Ig

Informations de base

Numéro de catalogue: 69530-1-Ig	Numéro d'acquisition GenBank: 4254	Méthode de purification: Purification par protéine G
Taille: 100ug, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 4254	CloneNo.: 1E6G9
Hôte: Mouse	Nom complet: KIT ligand	
Isotype: IgG1		
Immunogen Catalog Number: HZ-1024		

Applications

Applications testées:
Non-Neutralization, ELISA

Spécificité de l'espèce:
Humain

Informations générales

Stem cell factor (SCF) also known as mast cell growth factor, steel factor, and kit ligand, is a hematopoietic growth factor. SCF is a critical protein with key roles in the cell such as hematopoiesis, gametogenesis and melanogenesis. SCF activates multiple signal pathways by binding with c-kit receptor. SCF and its receptor, c-kit ligand (KL), are up-regulated in particular human malignancies including gastrointestinal stromal tumor (GISTs), breast cancer, hematopoietic cell, myeloid leukaemia, and glioma. The SCF/c-KIT system also plays a relevant role in cell fate decision, and its activity is widely known to control cell proliferation, differentiation, survival and apoptosis.

This antibody is a neutralizing control antibody for SCF, the immunogen is the same as Neutrakine 69030-1-Ig but could not neutralize human SCF.

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.

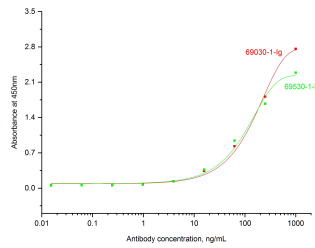
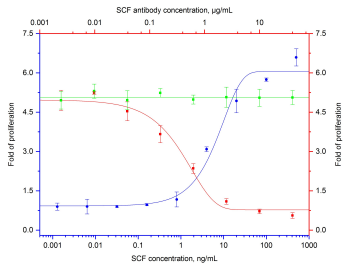
For technical support and original validation data for this product please contact:

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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 SCF (Cat.NO. HZ-1024) stimulates proliferation of the MO7e human megakaryoblastic leukemia cell line in a dose-dependent manner (blue curve, refer to bottom X-left Y). The activity of human SCF (30 ng/mL HZ-1024) is neutralized by mouse anti-human SCF monoclonal antibody 69030-1-Ig at serial dose (red curve, refer to top X-right Y). The ND50 is typically 0.2-1.0 µg/mL. The NeutraControl mouse anti-human SCF monoclonal antibody 69530-1-Ig could



Indirect ELISA was carried out by coating recombinant Human SCF (Cat.NO. HZ-1024) at 70 ng/well followed by blocking and adding serial diluted SCF antibody 69030-1-Ig and 69530-1-Ig respectively. Signal was developed with TMB and stopped by H2SO4. Signal strength was measured by absorbance at 450 nm.