

Nur für Forschungszwecke

NeutraKine® SCF Monoklonaler Antikörper

Katalog-Nr.: 69030-1-Ig



Allgemeine Informationen

Katalog-Nr.: 69030-1-Ig	GenBank-Zugangsnummer: GeneID (NCBI): 4254	Reinigungsmethode: Protein-G-Reinigung
Größe: 100µg, Konzentration: 1000 µg/ml von Nanodrop;	Vollständiger Name: KIT ligand	CloneNo.: 1A10G10
Wirt: Maus		
Isotyp: IgG1		
Immunogen Katalognummer: HZ-1024		

Anwendungen

Geprüfte Anwendungen:
Neutralization, ELISA

Getestete Reaktivität:
Human

Hintergrundinformationen

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 used to neutralize the bioactivity of SCF.

Lagerung

Lagerungsbedingungen:
Lyophilisierte Antikörper sind bei Lagerung zwischen (-20°C) und (-80°C) 1 Jahr ab Empfangsdatum stabil. Bei Rekonstitution empfehlen wir, die Lösung kurzfristig bei (4°C) oder langfristig bei (-20°C) bis (-80°C). Rekonstituierte Produkte sollten nicht wiederholt eingefroren und wieder aufgetaut werden.

Lagerungspuffer:
Sterile PBS.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

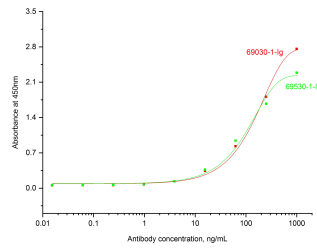
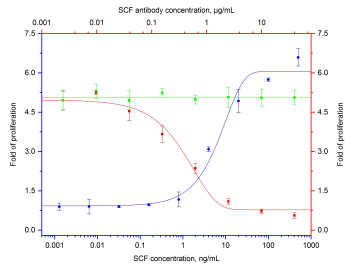
For technical support and original validation data for this product please contact:

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

Ausgewählte Validierungsdaten



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.

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.