

Nur für Forschungszwecke

NeutraKine®IL-9 Monoklonaler Antikörper



Katalog-Nr.:69031-1-Ig

Allgemeine Informationen

Katalog-Nr.: 69031-1-Ig	GenBank-Zugangsnummer: GeneID (NCBI): 3578	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ug	Vollständiger Name: interleukin 9	CloneNo.: 1B3A10
Wirt: Maus		
Isotyp: IgG2a		
Immunogen Katalognummer: HZ-1240		

Anwendungen

Geprüfte Anwendungen:
Neutralization, ELISA

Getestete Reaktivität:
Human

Hintergrundinformationen

Interleukin 9 (IL-9) is a γ c-family cytokine that is highly produced by T-helper 9 (Th9) cells. IL-9 could promote the survival and activation of various cellular targets, including mast cells, B cells, T cells, and structural cells. Its expression is considered a hallmark of Th2-lineage cells. Primarily studied in Th2-type immunity, IL-9 was shown to be involved in asthma, allergy, and host defense against helminth infections. IL-9 also stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes.

This antibody can be used to neutralize the bioactivity of IL-9.

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**

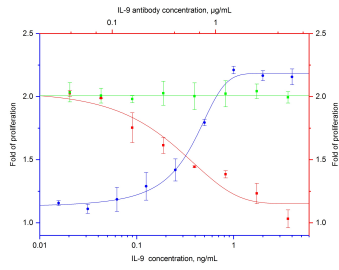
For technical support and original validation data for this product please contact:

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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.

Ausgewählte Validierungsdaten



Recombinant human IL-9 (Cat.NO. HZ-1240) 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 IL-9 (0.8 ng/mL HZ-1240) is neutralized by mouse anti-human IL-9 monoclonal antibody 69031-1-Ig at serial dose (red curve, refer to top X-right Y). The ND50 is typically 0.2-1.0 µg/mL. Mouse IgG1 Isotype Control monoclonal antibody 66360-1-Ig was served as control

