

Nur für Forschungszwecke

NeutraKine® IL-17A Monoklonaler Antikörper



Katalog-Nr.: 69021-1-Ig **2 Publikationen**

Allgemeine Informationen

Katalog-Nr.: 69021-1-Ig	GenBank-Zugangsnummer: GeneID (NCBI): 3605	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ug	Vollständiger Name: interleukin 17A	CloneNo.: 1F3E3
Wirt: Maus		
Isotyp: IgG1		
Immunogen Katalognummer: HZ-1113		

Anwendungen

Geprüfte Anwendungen:
Neutralization, ELISA

In Publikationen genannte Anwendungen:
Cell treatment, Neutralization

Getestete Reaktivität:
Human

Zitierte Arten:
Human

Hintergrundinformationen

IL17A, also named as IL-17, is a proinflammatory cytokine. IL-17, synthesized only by memory T cells and natural killer cells, has pleiotropic effects, mainly in the recruitment and activation of neutrophils. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. The IL-17 receptor is a type I transmembrane protein, that is widely expressed on epithelial cells, fibroblasts, B and T cells, and monocytic cells. In psoriatic skin lesions, both Th17 cells and their downstream effector molecules, e.g. IL-17 and IL-22, are highly increased.

This antibody can be used to neutralize the bioactivity of IL-17A.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Danyang Li	36267325	Int J Chron Obstruct Pulmon Dis	Neutralization
Kevin M Motz	37159282	JCI Insight	Cell treatment

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.

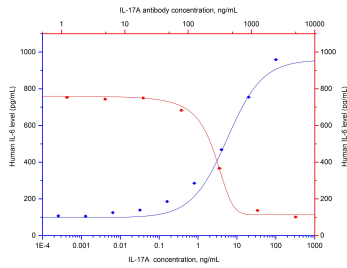
Aliquotieren ist nicht notwendig bei -20°C Lagerung

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

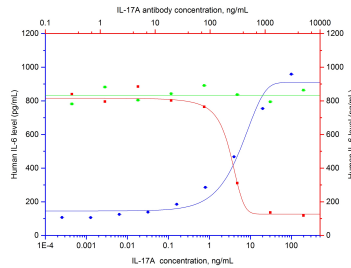
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

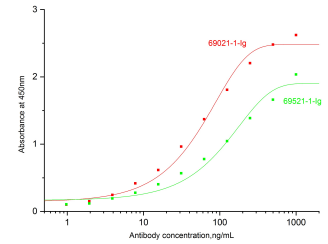
Ausgewählte Validierungsdaten



Recombinant human IL-17A (Cat.NO. HZ-1113) stimulates HT-1080 cells (human fibroblast cell line) produce IL-6 in a dose dependent manner (blue curve, refer to bottom X-Left Y axis). The activity of human IL-17A (40ng/mL HZ-1113) is neutralized by mouse anti-human IL-17A monoclonal antibody 69021-1-Ig (red curve, refer to top X-right Y axis). The ND50 is typically 200-600ng/mL.



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Indirect ELISA was carried out by coating recombinant Human IL-17A (Cat.NO. HZ-1113) at 70 ng/well followed by blocking and adding serial diluted IL-17A antibody 69021-1-Ig and 69521-1-Ig respectively. Signal was developed with TMB and stopped by H2SO4. Signal strength was measured by absorbance at 450 nm.