

Nur für Forschungszwecke

# NeutraKine® IL-17F Monoklonaler Antikörper



Katalog-Nr.: 69023-1-Ig

## Allgemeine Informationen

Katalog-Nr.: 69023-1-Ig	GenBank-Zugangsnummer: GeneID (NCBI): 112744	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ug	Vollständiger Name: interleukin 17F	CloneNo.: 1C7D10
Wirt: Maus		
Isotyp: IgG1		
Immunogen Katalognummer: HZ-1116		

## Anwendungen

**Geprüfte Anwendungen:**  
Neutralization, ELISA

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

The interleukin 17 (IL-17) family of cytokines contains 6 structurally related cytokines, IL-17A, IL-17B, IL-17C, IL-17D, IL-17E and IL-17F. IL-17 family plays crucial roles in host defense against microbial organisms and in the development of inflammatory diseases. IL-17A is a pro-inflammatory cytokine that also has the capacity to promote angiogenesis and osteoclastogenesis. IL-17F shares the highest homology with IL-17A and signals via a receptor composed by the IL-17RA and IL-17RC subunits. IL-17A and IL-17F can form IL-17A/A or IL-17F/F homodimers, IL-17A/F heterodimers are also formed. IL-17A and IL-17F, produced by the Th17 CD4(+) T cell lineage, have been linked to a variety of inflammatory and autoimmune conditions. IL-17F levels are elevated in sera and lesional psoriatic skin compared to non-lesional tissue. IL-17F also has been implicated in the development of neutrophilic airway inflammation.

This antibody is used to neutralize the bioactivity of IL-17F.

## 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.

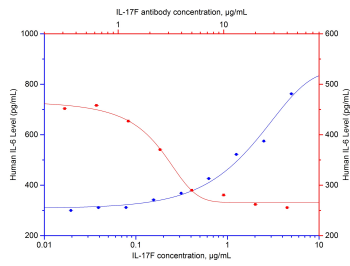
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 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-17F (Cat.NO. HZ-1116) 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-17F (500 ng/mL HZ-1116) is neutralized by mouse anti-human IL-17F monoclonal antibody 69023-1-Ig (red curve, refer to top X-right Y axis). The ND50 is typically 2-8 µg/mL.