

Nur für Forschungszwecke

IL-17 Monoklonaler Antikörper

Katalog-Nr.: 66148-1-Ig **9 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 66148-1-Ig	GenBank-Zugangsnummer: BC067505	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 900 µg/ml von Nanodrop und 793 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 3605	CloneNo.: 1B3D5
Wirt: Maus	Vollständiger Name: interleukin 17A	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:500-1:2000
Isotyp: IgG1	Berechnete Masse: 155 aa, 18 kDa	
Immunogen Katalognummer: AG3733	Beobachtete Masse: 18 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IHC, WB, ELISA	Positivkontrollen: WB : A549-Zellen, Daudi-Zellen, HL-60-Zellen, Jurkat-Zellen, MOLT-4-Zellen, Raji-Zellen, Ramos-Zellen, RAW 264.7-Zellen, U-937-Zellen
In Publikationen genannte Anwendungen: IHC, WB	IHC : humanes Hautkrebsgewebe, humanes Kolongewebe, humanes Kolonkarzinomgewebe
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Danyang Li	36267325	Int J Chron Obstruct Pulmon Dis	WB
Komal Ramani	36193675	Elife	WB
Jian Wang	31768762	In Vitro Cell Dev Biol Anim	WB

Lagerung

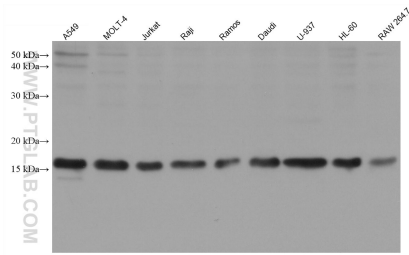
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

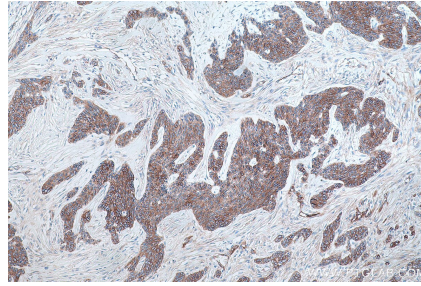
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

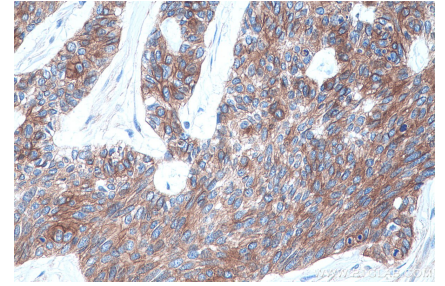
Ausgewählte Validierungsdaten



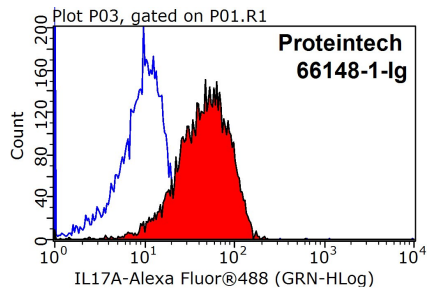
Various lysates were subjected to SDS PAGE followed by western blot with 66148-1-Ig (IL-17 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 66148-1-Ig (IL-17 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 66148-1-Ig (IL-17 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 Jurkat cells were stained with 0.2ug IL-17 antibody (66148-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000.