

À des fins de recherche uniquement

Anticorps Monoclonal anti-IL-17

Numéro de catalogue: 66148-1-Ig **10 Publications**



Informations de base

Numéro de catalogue: 66148-1-Ig	Numéro d'acquisition GenBank: BC067505	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 900 µg/ml by Nanodrop and 793 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3605	CloneNo.: 1B3D5
Hôte: Mouse	Nom complet: interleukin 17A	Dilutions recommandées: WB 1:500-1:2000 IHC 1:500-1:2000
Isotype: IgG1	MW calculé: 155 aa, 18 kDa	
Immunogen Catalog Number: AG3733	MW observés: 18 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules A549, cellules Daudi, cellules HL-60, cellules Jurkat, cellules MOLT-4, cellules Raji, cellules Ramos, cellules RAW 264.7, cellules U-937

IHC : tissu de cancer de la peau humain, tissu de cancer du côlon humain, tissu de côlon humain

Informations générales

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
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

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

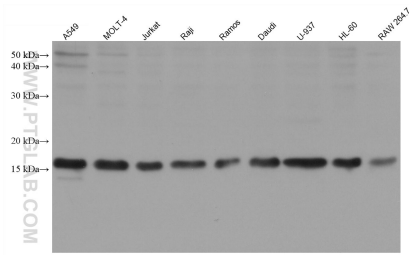
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

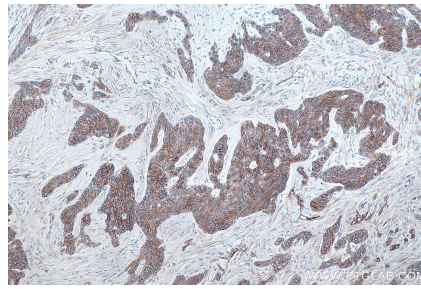
E: proteintech@ptglab.com
W: ptglab.com

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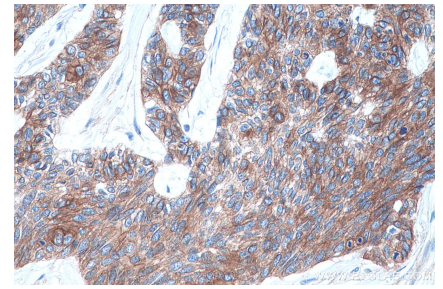
Données de validation sélectionnées



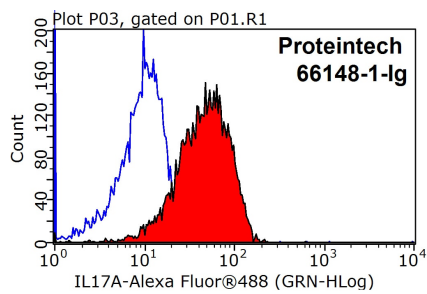
Various lysates were subjected to SDS PAGE followed by western blot with 66148-1-Ig (IL-17 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).



1X10⁶ 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.