

For Research Use Only

# IL-17a Polyclonal antibody

Catalog Number: 26163-1-AP

32 Publications



## Basic Information

Catalog Number:

26163-1-AP

Concentration:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24087

GenBank Accession Number:

NM-010552

GeneID (NCBI):

16171

UNIPROT ID:

Q62386

Full Name:

interleukin 17A

Calculated MW:

17 kDa

Observed MW:

15kDa, 17 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:20-1:200

IF-P 1:50-1:500

## Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Cited Applications:

WB, IHC, IF, ELISA

Species Specificity:

mouse, human

Cited Species:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : PMA, Ionomycin and Brefeldin A treated EL-4 cells,

IHC : mouse spleen tissue, human liver cancer tissue, human stomach cancer tissue

IF-P : mouse spleen tissue,

## Background Information

The IL17A monomer is a peptide consisting of 155 amino acids. The IL17A peptide comprises a 23 amino acid signal peptide and a 132 amino acid mature peptide. The IL17A homodimer has a molecular weight of 35 kD (Kolls and Lindén, 2004).

## Notable Publications

Author	Pubmed ID	Journal	Application
Wei Wang	36339447	Front Endocrinol (Lausanne)	IF
Lu Zhang	36355777	Br J Pharmacol	IHC
Xiao-Jian Xu	36254991	Neural Regen Res	IF

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

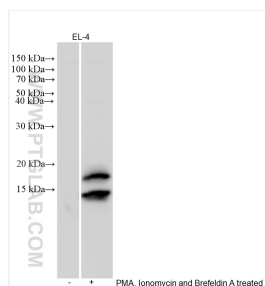
T: 4006900926

E: Proteintech-CN@ptglab.com

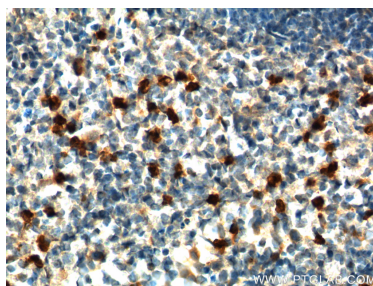
W: ptgcn.com

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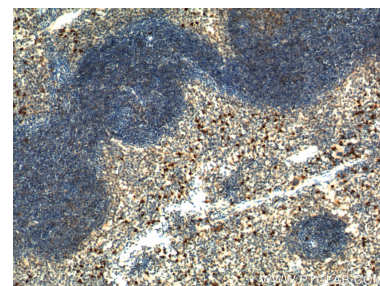
## Selected Validation Data



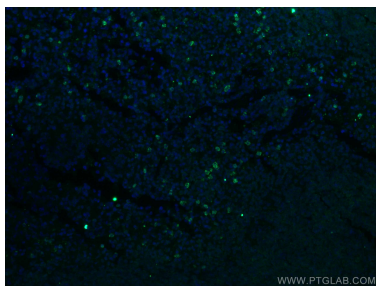
PMA and ionomycin treated EL-4 cells were subjected to SDS PAGE followed by western blot with 26163-1-AP (IL-17a antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



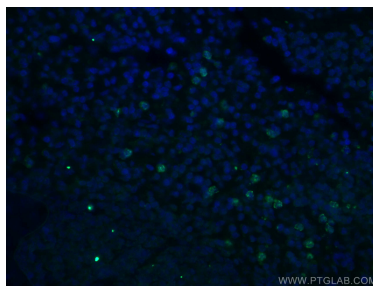
Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 26163-1-AP (IL17a Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 26163-1-AP (IL17a Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse spleen tissue using 26163-1-AP (IL17a antibody) at dilution of 1:100 and CoraLite488-Conjugated Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse spleen tissue using 26163-1-AP (IL17a antibody) at dilution of 1:100 and CoraLite488-Conjugated Goat Anti-Rabbit IgG(H+L).