

For Research Use Only

# IL-17a Polyclonal antibody

Catalog Number: 26163-1-AP **21 Publications**



## Basic Information

<b>Catalog Number:</b> 26163-1-AP	<b>GenBank Accession Number:</b> NM-010552	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 450 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 16171	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:20-1:200 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q62386	
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 17A	
<b>Immunogen Catalog Number:</b> AG24087	<b>Calculated MW:</b> 17 kDa	
	<b>Observed MW:</b> 15kDa, 17 kDa	

## Applications

<b>Tested Applications:</b> WB, IF, IHC, ELISA	<b>Positive Controls:</b> WB : PMA, Ionomycin and Brefeldin A treated EL-4 cells, IHC : mouse spleen tissue, human liver cancer tissue, human stomach cancer tissue IF : mouse spleen tissue,
<b>Cited Applications:</b> WB, IF, IHC	
<b>Species Specificity:</b> mouse, human	
<b>Cited Species:</b> human, rat, mouse	

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

## 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 Linden, 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

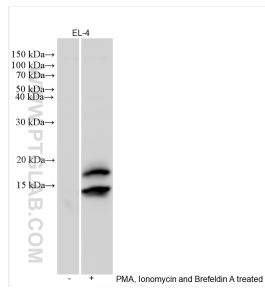
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

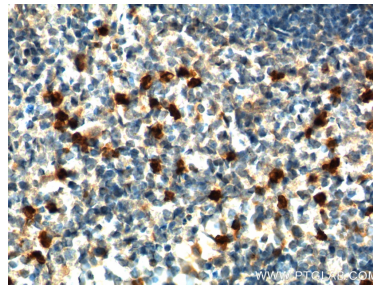
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

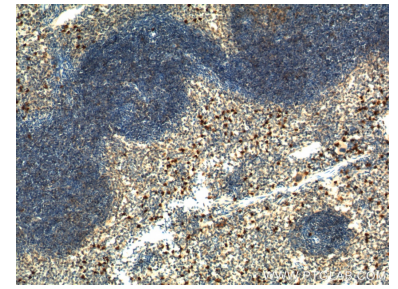
## Selected Validation Data



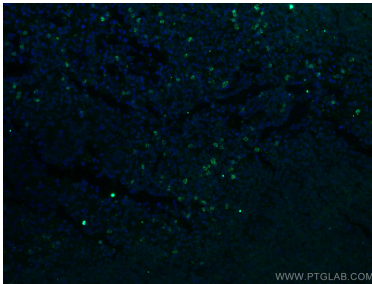
PMA and ionomycin treated EL-4 cells were subjected to SDS PAGE followed by western blot with 26163-1-AP (IL-17a antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



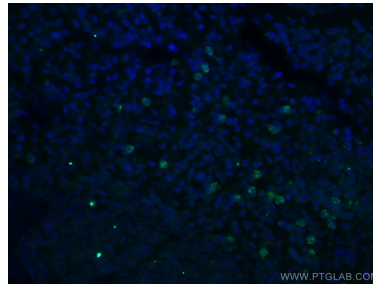
Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 26163-1-AP (IL17a Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 AffiniPure 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 AffiniPure Goat Anti-Rabbit IgG(H+L).