

For Research Use Only

IL-17a Polyclonal antibody

Catalog Number: 26163-1-AP

32 Publications



Basic Information

Catalog Number:

26163-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

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 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

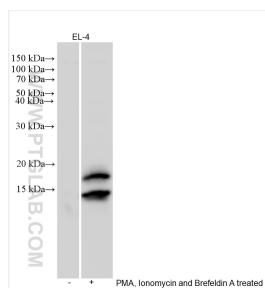
For technical support and original validation data for this product please contact:

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

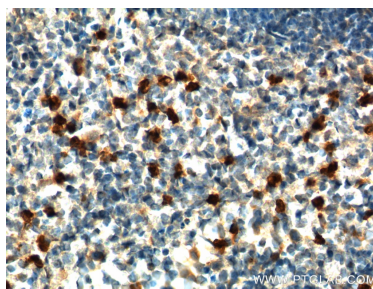
E: proteintech@ptglab.com
W: ptglab.com

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

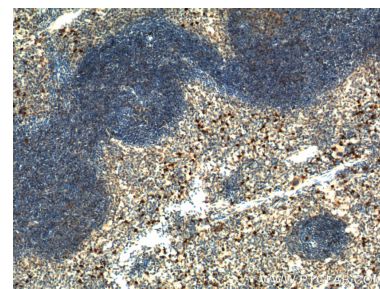
Selected Validation Data



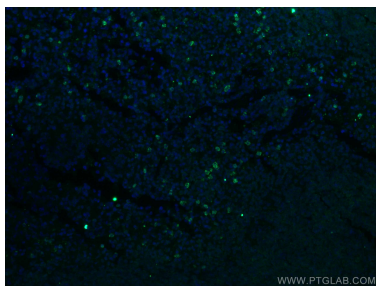
PMA and ionomycin treated EL-4 cells were subjected to SDS PAGE followed by western blot with 26163-1-AP (IL-17a antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



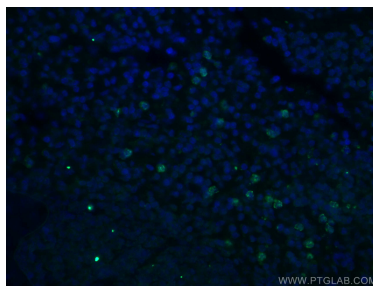
Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 26163-1-AP (IL17a Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 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).