

For Research Use Only

IL-3 Polyclonal antibody

Catalog Number: 17835-1-AP

1 Publications



Basic Information

Catalog Number:

17835-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11839

GenBank Accession Number:

BC066273

GeneID (NCBI):

3562

UNIPROT ID:

P08700

Full Name:

interleukin 3 (colony-stimulating factor, multiple)

Calculated MW:

152 aa, 17 kDa

Observed MW:

20 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

pig

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 : Recombinant protein, Recombinant protein protein

IHC : human tonsillitis tissue,

Background Information

Interleukin-3 (IL-3) is a multilineage hematopoietic growth factor that promotes the proliferation, differentiation and survival of early multilineage hematopoietic progenitors. In particular, this cytokine plays a key role in stimulating the proliferation and survival of myeloid precursors. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders (PMID: 24103757;2698876;2809196)

Notable Publications

Author	Pubmed ID	Journal	Application
Dwight D Harris	37808040	JTCVS Open	WB

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:

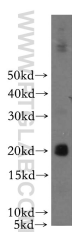
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

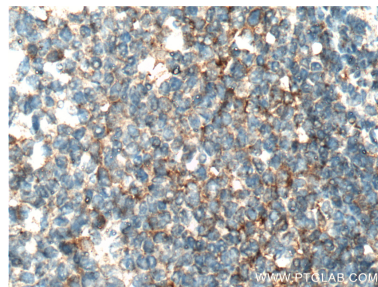
Selected Validation Data



Recombinant protein were subjected to SDS PAGE followed by western blot with 17835-1-AP (IL3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17835-1-AP (IL3 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17835-1-AP (IL3 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).