

For Research Use Only

IL-3 Polyclonal antibody

Catalog Number: 17835-1-AP 1 Publications



Basic Information

Catalog Number: 17835-1-AP	GenBank Accession Number: BC066273	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 3562	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P08700	
Isotype: IgG	Full Name: interleukin 3 (colony-stimulating factor, multiple)	
Immunogen Catalog Number: AG11839	Calculated MW: 152 aa, 17 kDa	
	Observed MW: 20 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : Recombinant protein, Recombinant protein protein IHC : human tonsillitis tissue,
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	

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:

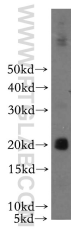
T: 4006900926

E: Proteintech-CN@ptglab.com

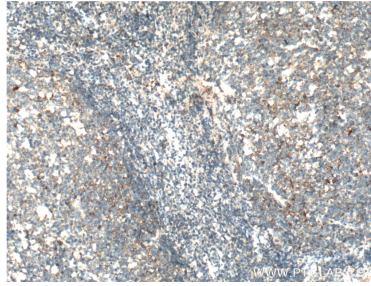
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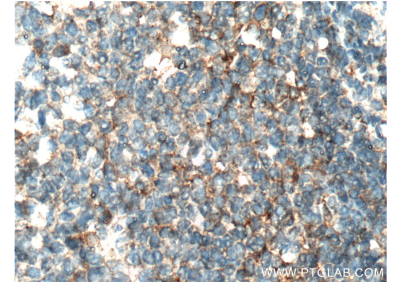
Selected Validation Data



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).