

For Research Use Only

IL-20 Polyclonal antibody

Catalog Number: 18104-1-AP **1 Publications**



Basic Information

Catalog Number: 18104-1-AP	GenBank Accession Number: BC074949	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 50604	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9NYY1	
Isotype: IgG	Full Name: interleukin 20	
Immunogen Catalog Number: AG12447	Calculated MW: 406 aa, 44 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HEK-293 cells, IHC : human tonsillitis tissue,
Cited Applications: IF	
Species Specificity: human	
Cited Species: 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

Interleukin-20 (IL-20) is a protein belonging to the IL-10 family of cytokines. IL-20 receptor (IL-20R) and IL-20 are expressed in several normal tissue types, including the lung, skin, and kidney. IL-20 is a cytokine structurally related to interleukin 10. IL-20 is produced by activated keratinocytes and monocytes and transmits an intracellular signal through two distinct cell-surface receptor complexes on keratinocytes and other epithelial cells. IL-20 can stimulate STAT3 activation in keratinocytes. IL-20 regulates proliferation and differentiation of keratinocytes during inflammation, particularly inflammation associated with the skin. In addition, IL-20 also causes cell expansion of multipotential hematopoietic progenitor cells. IL-20 is highly associated with potent inflammatory diseases such as psoriasis, contact hypersensitivity, rheumatoid arthritis, and atherosclerosis.

Notable Publications

Author	Pubmed ID	Journal	Application
Yu-Hsiang Hsu	34403503	Immunology	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:

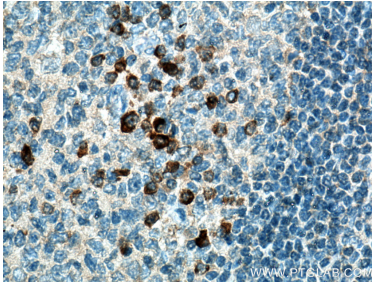
T: 4006900926

E: Proteintech-CN@ptglab.com

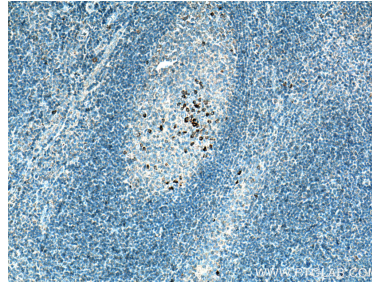
W: ptgcn.com

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

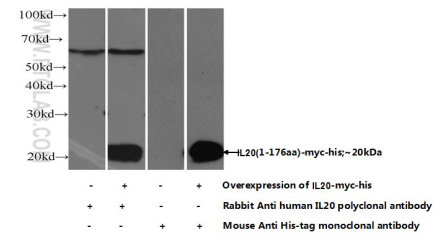
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 18104-1-AP (IL20 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 human tonsillitis tissue slide using 18104-1-AP (IL20 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HEK-293 cells were subjected to SDS PAGE followed by western blot with 18104-1-AP (IL20 Antibody) at dilution of 1:700 incubated at room temperature for 1.5 hours.