

For Research Use Only

IL-27 Polyclonal antibody

Catalog Number: 24165-1-AP



Basic Information

Catalog Number: 24165-1-AP	GenBank Accession Number: BC062422	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 487 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 246778	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	Full Name: interleukin 27	
Isotype: IgG	Calculated MW: 243 aa, 27 kDa	
Immunogen Catalog Number: AG21436		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human liver cancer tissue,
Species Specificity: human	
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

IL-27, as a member of the IL-6/IL-12 family, is a heterodimeric cytokine composed of two subunits: p28 (IL-27a) and EBI3 (IL-27b). IL-27 acts on various cell types, including T cells, B cells, macrophages, dendritic cells, natural killer (NK) cells and non-hematopoietic cells. IL-27 plays a critical role in the early regulation of T helper type 1 initiation, and enhances proliferation of naive CD4+T cells and naive B cells. It, however, also exerts anti-inflammatory functions by inhibiting the development of Th17 cells and inducing IL-10 producing type 1 regulatory T cells. IL-27 is a potentially promising cytokine for therapeutic approaches on various human diseases.

Storage

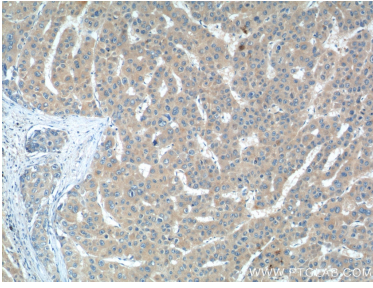
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

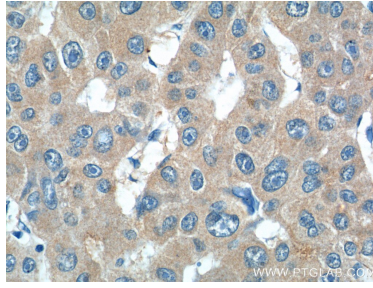
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 24165-1-AP (IL-27 antibody at dilution of 1:50) (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 24165-1-AP (IL-27 antibody at dilution of 1:50) (under 40x lens).