

For Research Use Only

IL-27A Monoclonal antibody, PBS Only

Catalog Number: 66164-1-PBS



Basic Information

Catalog Number: 66164-1-PBS	GenBank Accession Number: BC062422	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 246778	CloneNo.: 1E1H5
Source: Mouse	UNIPROT ID: Q8NEV9	
Isotype: IgG2b	Full Name: interleukin 27	
Immunogen Catalog Number: AG21436	Calculated MW: 243 aa, 27 kDa	
	Observed MW: 31 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

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 -80°C.

Storage Buffer:
PBS Only

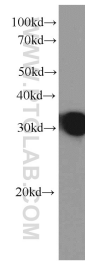
For technical support and original validation data for this product please contact:

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

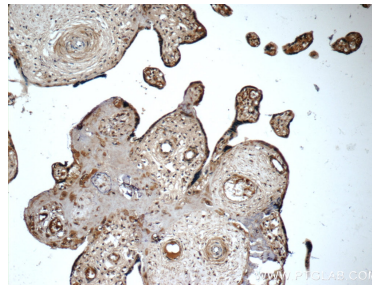
E: proteintech@ptglab.com
W: ptglab.com

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

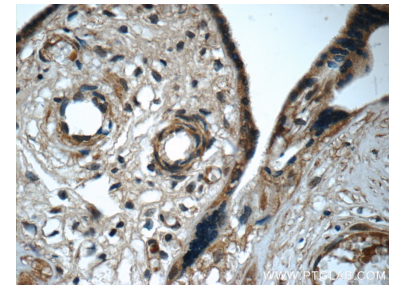
Selected Validation Data



IL27 fusion protein were subjected to SDS PAGE followed by western blot with 66164-1-Ig (IL-27 antibody at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66164-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 66164-1-Ig (IL-27 antibody at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 66164-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 66164-1-Ig (IL-27 antibody at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 66164-1-PBS in a different storage buffer formulation.