

For Research Use Only

IL-27A Monoclonal antibody, PBS Only

Catalog Number: 66164-1-PBS



Basic Information

Catalog Number:

66164-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG21436

GenBank Accession Number:

BC062422

GeneID (NCBI):

246778

UNIPROT ID:

Q8NEV9

Full Name:

interleukin 27

Calculated MW:

243 aa, 27 kDa

Observed MW:

31 kDa

Purification Method:

Protein A purification

CloneNo.:

1E1H5

Applications

Tested Applications:

WB, Indirect ELISA, IHC

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

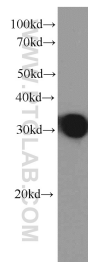
T: 4006900926

E: Proteintech-CN@ptglab.com

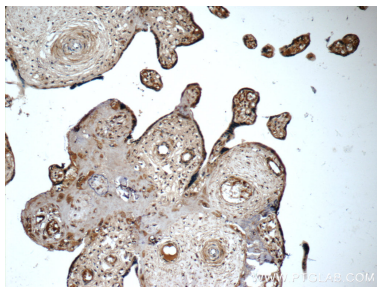
W: ptgcn.com

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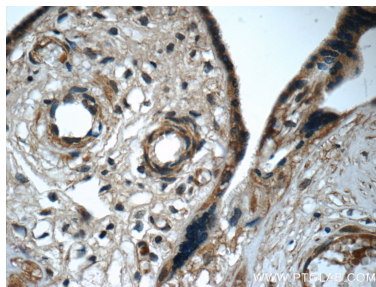
Selected Validation Data



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.