

For Research Use Only

IL-27 Recombinant monoclonal antibody

Catalog Number: 87540-1-RR



Basic Information

Catalog Number:

87540-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

HZ-1275

GenBank Accession Number:

GeneID (NCBI):

246778

UNIPROT ID:

Q8NEV9

Full Name:

interleukin 27

Observed MW:

27 kDa

Purification Method:

Protein A purification

CloneNo.:

252839D4

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, Daudi cells

Background Information

IL-27 is a heterodimeric cytokine composed of two subunits: IL-27a and 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

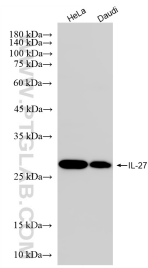
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87540-1-RR (IL-27 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.