

For Research Use Only

# IL-27A p28 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87540-1-PBS



## Basic Information

Catalog Number:

87540-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## 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 -80°C.

Storage Buffer:

PBS only, pH7.3

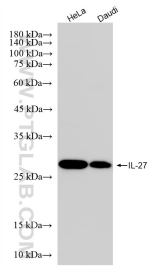
For technical support and original validation data for this product please contact:

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## 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. This data was developed using the same antibody clone with 87540-1-PBS in a different storage buffer formulation.