

For Research Use Only

# IL-27A p28 Recombinant monoclonal antibody

Catalog Number: 87540-1-RR



## Basic Information

<b>Catalog Number:</b> 87540-1-RR	<b>GenBank Accession Number:</b> GeneID (NCBI): 246778	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>UNIPROT ID:</b> Q8NEV9	<b>CloneNo.:</b> 252839D4
<b>Source:</b> Rabbit	<b>Full Name:</b> interleukin 27	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Isotype:</b> IgG	<b>Observed MW:</b> 27 kDa	
<b>Immunogen Catalog Number:</b> HZ-1275		

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, Daudi cells
<b>Species Specificity:</b> 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 -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

\*\*\* 20ul sizes contain 0.1% BSA

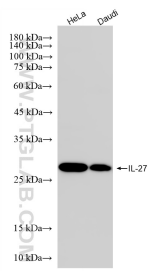
For technical support and original validation data for this product please contact:

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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.