

For Research Use Only

# IL-29 Monoclonal antibody

Catalog Number: 66163-1-Ig



## Basic Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>66163-1-Ig  | <b>GenBank Accession Number:</b><br>BC074985               | <b>Purification Method:</b><br>Protein G purification |
| <b>Size:</b><br>150ul , Concentration: 1207 ug/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>282618                            | <b>CloneNo.:</b><br>1H3A3                             |
| <b>Source:</b><br>Mouse   | <b>UNIPROT ID:</b><br>Q8IU54                               | <b>Recommended Dilutions:</b><br>WB 1:5000-1:50000    |
| <b>Isotype:</b><br>IgG1   | <b>Full Name:</b><br>interleukin 29 (interferon, lambda 1) |   |
| <b>Immunogen Catalog Number:</b><br>AG12444   | <b>Calculated MW:</b><br>200 aa, 22 kDa                    |   |
|   | <b>Observed MW:</b><br>22 kDa                              |   |

## Applications

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|--|--|
| <b>Tested Applications:</b><br>WB, ELISA | <b>Positive Controls:</b><br>WB : Recombinant protein, Recombinant protein |
| <b>Species Specificity:</b><br>human     |  |

## Background Information

Interleukin-29 (IL-29) is a cytokine belonging to the Type III interferon family, which has another two subfamilies IL-28A and IL-28B. They are also known as IFN- $\lambda$ 1, IFN- $\lambda$ 2 and IFN- $\lambda$ 3, respectively. IL-29 is produced predominantly by maturing dendritic cells and macrophages. IL-29 plays an important role in the immune response against pathogens and especially against viruses by mechanisms similar to type I interferons. IL-29 receptor signals through JAK-STAT pathways leading to activated expression of interferon-stimulated genes and production of antiviral proteins.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

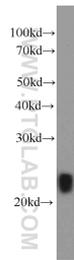
For technical support and original validation data for this product please contact:

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## Selected Validation Data



GST tagged recombinant IL29 protein were subjected to SDS PAGE followed by western blot with 66163-1-Ig (IL-29 antibody at dilution of 1:20000 incubated at room temperature for 1.5 hours.