# PE Rabbit anti-Mouse IL22 mAb

Catalog No.: A27209



## **Basic Information**

#### **Observed MW**

Calculated MW 20kDa

Category

Primary antibody

**Applications** 

FC (intra)

**Cross-Reactivity** 

Mouse

CloneNo number

ARC71491-PE

Conjugate

PE. Ex:565nm. Em:574nm.

# **Background**

Enables cytokine activity. Involved in negative regulation of inflammatory response. Acts upstream of or within positive regulation of transcription by RNA polymerase II; reactive oxygen species metabolic process; and regulation of tyrosine phosphorylation of STAT protein. Is active in extracellular space. Is expressed in ileum; retina; and skin. Used to study liposarcoma. Human ortholog(s) of this gene implicated in asthma. Orthologous to human IL22 (interleukin 22).

## **Recommended Dilutions**

FC (intra)

5  $\mu$ l per 10^6 cells in 100  $\mu$ l volume

## **Immunogen Information**

**Gene ID** 50929

Swiss Prot

Q9JJY9

#### **Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 34-179 of mouse IL22 (NP\_058667.1).

## **Synonyms**

IL-22; If2b1; Iltif; IL-22a; ILTIFa

## **Contact**

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## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### **Storage**

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## **Validation Data**









Flow cytometry:  $1\times10^6$  293T cells (negative control,left) and 293T (Transfection,right) cells were intracellularly-stained with PE Rabbit anti-Mouse IL22 mAb (A27209,5  $\mu$ l/Test,orange line) or PE Rabbit IgG isotype control (A24172,5  $\mu$ l/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1X10^6$  293T (Transfection) cells were intracellularly-stained with PE Rabbit IgG isotype control (A24172,5  $\mu$ I/Test,left) or PE Rabbit anti-Mouse IL22 mAb (A27209,5  $\mu$ I/Test,right).