# IL-36 Gamma Rabbit mAb

Catalog No.: A23961 Recombinant



## **Basic Information**

#### **Observed MW**

19kDa

### **Calculated MW**

14kDa/18kDa

### Category

Primary antibody

## **Applications**

ELISA,WB,IF/ICC

### **Cross-Reactivity**

Human

### CloneNo number

ARC62706

## **Background**

The protein encoded by this gene is a member of the interleukin 1 cytokine family. The activity of this cytokine is mediated by interleukin 1 receptor-like 2 (IL1RL2/IL1R-rp2), and is specifically inhibited by interleukin 1 family, member 5 (IL1F5/IL-1 delta). Interferon-gamma, tumor necrosis factor-alpha and interleukin 1, beta (IL1B) are reported to stimulate the expression of this cytokine in keratinocytes. The expression of this cytokine in keratinocytes can also be induced by a contact hypersensitivity reaction or herpes simplex virus infection. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene.

### **Recommended Dilutions**

**WB** 1:500 - 1:1000

**IF/ICC** 1:50 - 1:200

## **Immunogen Information**

**Gene ID**Swiss Prot
56300
Q9NZH8

#### **Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 18-169 of human IL-36 Gamma (NP\_062564.1).

### **Synonyms**

IL36G; IL-1F9; IL-1H1; IL-1RP2; IL1E; IL1F9; IL1H1; IL1RP2; interleukin-36 gamma; IL-36 Gamma

### **Contact**

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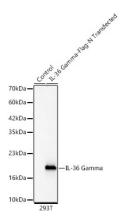
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20  $^{\circ}\text{C}.$  Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.



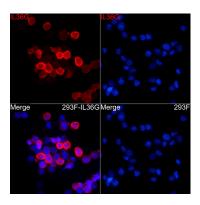
Western blot analysis of various lysates, using IL-36 Gamma Rabbit mAb (A23961) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit  $\lg G$  (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Immunofluorescence analysis of 293F-IL36G and 293F cells using IL-36 Gamma Rabbit mAb (A23961) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.