

# IL18R1/IL-18 R alpha Rabbit mAb

Catalog No.: A21208 **Recombinant**

## Basic Information

### Observed MW

95kDa

### Calculated MW

62kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human, Mouse

### CloneNo number

ARC52216

## Background

The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This receptor specifically binds interleukin 18 (IL18), and is essential for IL18 mediated signal transduction. IFN-alpha and IL12 are reported to induce the expression of this receptor in NK and T cells. This gene along with four other members of the interleukin 1 receptor family, including IL1R2, IL1R1, ILRL2 (IL-1Rrp2), and IL1RL1 (T1/ST2), form a gene cluster on chromosome 2q. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

**WB** 1:1000 - 1:5000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

8809

### Swiss Prot

Q13478

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 141-320 of human IL18R1/IL-18 R alpha (NP\_003846.1).

### Synonyms

CD218a; IL18RA; IL1RRP; CDw218a; IL-1Rrp; IL-18Ralpha; IL18Ralpha2; IL-18R-alpha; IL18R1/IL-18 R alpha

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

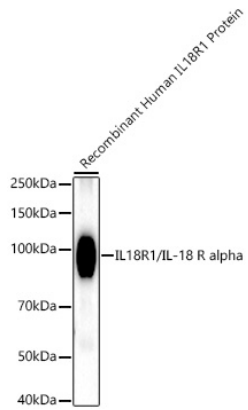
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

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

## Validation Data

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Western blot analysis of Recombinant Human IL-18R1/CD218a Protein (RP00097), using IL18R1/IL-18 R alpha Rabbit mAb (A21208) at1:1600 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at1:10000 dilution.  
Lysates/proteins: 10ng per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.