

# IL33 Rabbit pAb

Catalog No.: A25253

## Basic Information

### Observed MW

20kDa

### Calculated MW

30kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Mouse, Rat

## Background

Enables cytokine activity and interleukin-33 receptor binding activity. Involved in several processes, including interleukin-33-mediated signaling pathway; microglial cell activation involved in immune response; and regulation of gene expression. Acts upstream of or within several processes, including negative regulation of macrophage proliferation; positive regulation of cellular defense response; and positive regulation of macromolecule metabolic process. Located in nucleus. Is expressed in several structures, including adrenal gland; alimentary system; genitourinary system; nervous system; and sensory organ. Used to study Alzheimer's disease. Human ortholog(s) of this gene implicated in candidiasis; inflammatory bowel disease; and peptic ulcer disease. Orthologous to human IL33 (interleukin 33).

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

77125

### Swiss Prot

Q8BVZ5

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 109-266 of mouse IL33(NP\_598536.2).

### Synonyms

IL-33; Il1f11; NF-HEV; 9230117N10Rik; IL-33

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

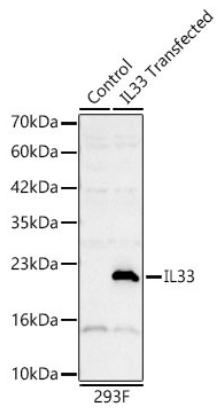
### Storage

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

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

## Validation Data

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Western blot analysis of lysates from wild type (WT) and 293F cells transfected with IL33 using IL33 Rabbit pAb(A25253) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 40.5  $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 45s.