

## Allgemeine Informationen

**Katalog-Nr.:**  
28035-1-AP

**Größe:**

150ul , Konzentration: 400 µg/ml von Nanodrop und 200 µg/ml durch die Bradford-Methode mit BSA als Standard;

**Wirt:**

Kaninchen

**Isotyp:**

IgG

**Immunogen Katalognummer:**  
AG27846

**GenBank-Zugangsnummer:**

NM\_001164724

**GeneID (NCBI):**

77125

**Vollständiger Name:**

interleukin 33

**Berechnete Masse:**

30 kDa

**Beobachtete Masse:**

30-35 kDa

**Reinigungsmethode:**

Antigen-Affinitätsreinigung

**Empfohlene Verdünnungen:**

WB 1:500-1:2000

## Anwendungen

**Geprüfte Anwendungen:**

WB, ELISA

**Getestete Reaktivität:**

Maus, Ratte

**Positivkontrollen:**

**WB** : Mauslungengewebe, Maus-Kolongewebe, Rattenlungengewebe

## Hintergrundinformationen

Interleukin-33 (IL-33) is a tissue-derived nuclear cytokine from the IL-1 family abundantly expressed in endothelial cells, epithelial cells and fibroblast-like cells, both during homeostasis and inflammation. IL-33 activates many immune cell types involved in type-2 immunity and allergic inflammation, including ILC2s, mast cells, Th2 cells, eosinophils, basophils, dendritic cells and alternatively activated macrophages (AAM). As a cytokine, IL-33 interacts with the receptors ST2 (also known as IL1RL1) and IL-1 Receptor Accessory Protein (IL1RAP), activating intracellular molecules in the NF-κB and MAP kinase signaling pathways that drive production of type 2 cytokines (e.g. IL-5 and IL-13) from polarized Th2 cells. IL-33 is also effective in reversing Alzheimer-like symptoms in APP/PS1 mice, by reversing the buildup and preventing the new formation of amyloid plaques. IL-33 is synthesized as a 30-34 kD full-length form and 20 kDa form mature form.

## Lagerung

**Lagerungsbedingungen:**

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

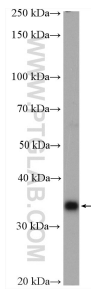
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## Ausgewählte Validierungsdaten



mouse lung tissue were subjected to SDS PAGE followed by western blot with 28035-1-AP (il33 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.