

# IL-33 Monoclonal antibody

Catalog Number: 66235-1-Ig 6 Publications

## Basic Information

Catalog Number:

66235-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgM

Immunogen Catalog Number:

AG21430

GenBank Accession Number:

BC047085

GeneID (NCBI):

90865

UNIPROT ID:

O95760

Full Name:

interleukin 33

Calculated MW:

30 kDa

Observed MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

2A9C7

Recommended Dilutions:

WB 1:1000-1:4000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : THP-1 cells, hTERT-RPE1 cells, human lung tissue

## Background Information

IL-33 is an IL-1 family cytokine and nuclear alarmin, and is constitutively expressed in epithelial barrier tissues and human blood vessels. IL-33 is involved in the maturation of Th2 cells and the activation of mast cells, basophils, eosinophils and natural killer cells. It also acts as a chemoattractant for Th2 cells, and may function as an "alarmin", that amplifies immune responses during tissue injury.

## Notable Publications

Author	Pubmed ID	Journal	Application
Chia-Jung Kuo	31640262	Cells	WB,IF
Jufang Jia	36362328	Int J Mol Sci	WB,IF
Elena Vianello	31316160	Sci Rep	WB,IHC

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

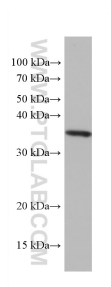
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



THP-1 cells were subjected to SDS PAGE followed by western blot with 66235-1-Ig (IL-33 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.