

For Research Use Only

# IL-33 Monoclonal antibody

Catalog Number: 66235-1-Ig **10 Publications**



## Basic Information

Catalog Number: 66235-1-Ig	GenBank Accession Number: BC047085	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 90865	CloneNo.: 2A9C7
Source: Mouse	UNIPROT ID: O95760	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgM	Full Name: interleukin 33	
Immunogen Catalog Number: AG21430	Calculated MW: 30 kDa	
	Observed MW: 35 kDa	

## Applications

Tested Applications: WB, ELISA	Positive Controls: WB : THP-1 cells, hTERT-RPE1 cells, human lung tissue
Cited Applications: WB, IHC, IF	
Species Specificity: human	
Cited Species: human, mouse	

## 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

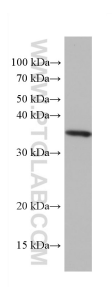
## Storage

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 W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.