

For Research Use Only

# IL-33 Monoclonal antibody, PBS Only

Catalog Number: 66235-1-PBS



## Basic Information

<b>Catalog Number:</b> 66235-1-PBS	<b>GenBank Accession Number:</b> BC047085	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 90865	<b>CloneNo.:</b> 2A9C7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O95760	
<b>Isotype:</b> IgM	<b>Full Name:</b> interleukin 33	
<b>Immunogen Catalog Number:</b> AG21430	<b>Calculated MW:</b> 30 kDa	
	<b>Observed MW:</b> 35 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
human

## 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.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only

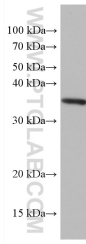
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 66235-1-PBS in a different storage buffer formulation.