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**Product Name: IL-33 Rabbit Monoclonal Antibody****Catalog #: AMRe86838**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,FC
<b>Reactivity</b>	Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:2000,ICC/IF 1:200-1:500,FC 1:200-1:500
<b>Molecular Weight</b>	Calculated MW:30 kDa; Observed MW:30 kDa

**Antigen Information**

<b>Gene Name</b>	IL-33
<b>Alternative Names</b>	Il-33; Il1f11; NF-HEV; 9230117N10Rik
<b>Gene ID</b>	77125
<b>SwissProt ID</b>	Q8BVZ5
<b>Immunogen</b>	Recombinant protein of mouse IL33

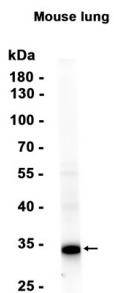
**Background**

Cytokine that binds to and signals through the IL1RL1/ST2 receptor which in turn activates NF-kappa-B and MAPK signaling pathways in target cells. Involved in the maturation of Th2 cells inducing the secretion of T-helper type 2-associated cytokines.

Also involved in activation of mast cells, basophils, eosinophils and natural killer cells. Acts as a chemoattractant for Th2 cells, and may function as an "alarmin", that amplifies immune responses during tissue injury.

## Research Area

## Image Data



Western blot analysis of extracts from Mouse lung tissue using IL-33 Rabbit Monoclonal Antibody at 1:100.