

## Anti-IL-33 Antibody (9X270)

## Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9X270
Purification:	Protein A

## Applications

Verified Activity:	Immunochemical staining of human IL33 in human lymphoid-node with mouse monoclonal antibody (1:60, formalin-fixed paraffin embedded sections). Positive staining was localized to nuclear of high endothelial venule cells.
Application:	IHC-P
Recommended	IHC-P: 1:50-1:200

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human IL-33 protein (TMPY-00861)
Antigen Species:	Human

## Research Background

Interleukin 33 (IL-33), also known as DVS27 or NF-HEV (Nuclear Factor from High Endothelial Venules), is a pro-inflammatory protein and a chromatin-associated cytokine of the IL-1 family with high sequence and structural similarity to IL-1 and IL-18. IL-33 protein is expressed highly and rather selectively by high endothelial venule endothelial cells (HEVECs) in human tonsils, Peyer's patches, and lymph nodes. IL-33 protein has transcriptional regulatory properties, and the researches suggested that IL-33 is a dual-function protein that might act both as a cytokine and as an intracellular nuclear factor. As a type 2 cytokines, IL-33 protein also play a pivotal role in helminthic infection and allergic disorders.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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