

Anti-IL-33 Antibody (4M737)

Product Details

Ig Type:	Mouse IgG2b
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4M737
Purification:	Protein A

Applications

Verified Activity:	Flow cytometric analysis of Purified anti-Human IL-33 on HUVEC cells. HUVEC cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), and stained with Purified Mouse anti-IL-33 (Bold line hisgram), then stained with a FITC-conjugated second step antibody.
Application:	ELISA,FCM
Recommended	ELISA: 1:1000-1:2000; FCM: 1:25-1:100

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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481