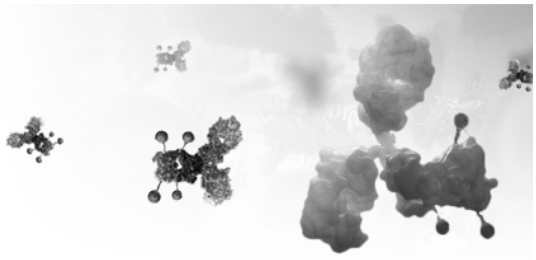

Rabbit Anti-Canine IL33 Polyclonal Antibody (CABT-NS1698)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Canine IL-33
Target	IL33
Immunogen	Recombinant Canine IL-33 protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Canine
Conjugate	Unconjugated
Applications	ELISA Recommended dilution: ELISA: 0.1-0.2 µg/mL. This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Canine IL-33. The detection limit for Canine IL-33 is < 0.039 ng/well. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid, Purified
Size	50 µl, 100 µl, 200 µl
Buffer	0.2 µm filtered solution in PBS
Preservative	None

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Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction	Interleukin 33 (IL-33), also known as DVS27 or NF-HEV (Nuclear Factor from High Endothelial enules), is a proinflammatory 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, Peyers'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.
Keywords	IL33; interleukin 33; DVS27; IL1F11; NF-HEV; NFEHEV; C9orf26; interleukin-33; IL-33; IL-1F11; DVS27-related protein; interleukin-1 family member 11; nuclear factor for high endothelial venules; nuclear factor from high endothelial venules; AMG 282

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