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Datasheet for ABIN7156895

anti-IL-33 antibody (AA 123-276)

2 Images

Overview

Quantity:	100 µg
Target:	IL-33 (IL33)
Binding Specificity:	AA 123-276
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-33 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Interleukin-33 protein (123-276AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	IL-33 (IL33)
Alternative Name:	IL33 (IL33 Products)
Background:	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 (PubMed:16286016).

Target Details

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 (PubMed:17853410, PubMed:18836528).

Aliases: C9orf26 antibody, CHROMOSOME 9 OPEN READING FRAME 26 antibody, DKFZp586H0523 antibody, DVS27 antibody, DVS27 related protein antibody, IL 1F11 antibody, IL 33 antibody, IL-1F11 antibody, IL-33 antibody, IL1F11 antibody, IL33 antibody, IL33_HUMAN antibody, Interleukin 1 family member 11 antibody, Interleukin 33 antibody, INTERLEUKIN 33 NFHEV antibody, Interleukin 33 precursor antibody, Interleukin-1 family member 11 antibody, Interleukin-33 (109-270) antibody, Interleukin33 antibody, NF HEV antibody, NF-HEV antibody, NFEHEV antibody, NFEHEV antibody, Nuclear factor for high endothelial venules antibody, Nuclear factor from high endothelial venules antibody, OTTHUMP00000021041 antibody, RP11 575C20.2 antibody

UniProt: [095760](#)

Pathways: [Production of Molecular Mediator of Immune Response](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

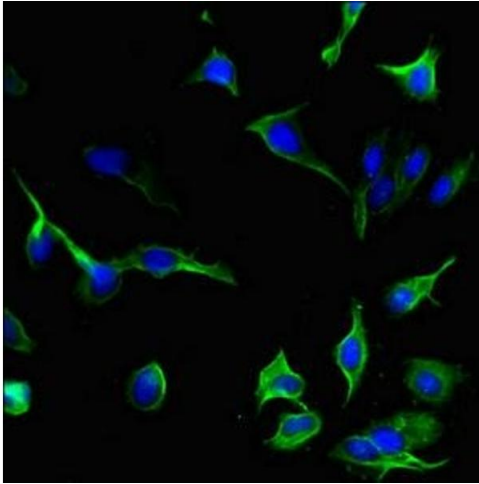
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

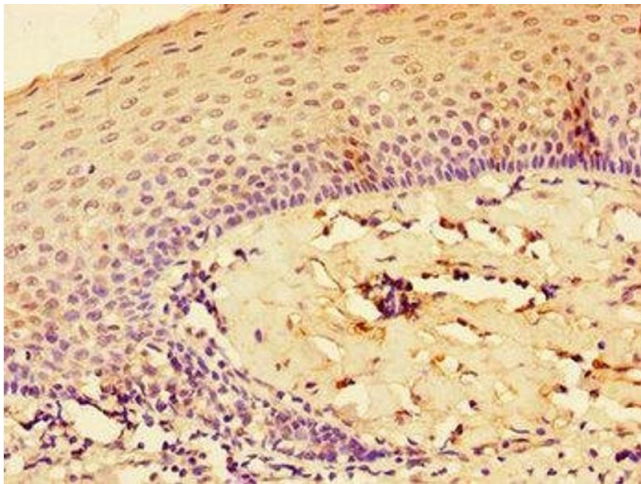
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of HeLa cells using ABIN7156895 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7156895 at dilution of 1:100