

Mouse anti-Human IL-33 Monoclonal Antibody | anti-IL33 antibody

Anti-IL-33 Antibody, Mouse Monoclonal

CATALOG # AAA254872	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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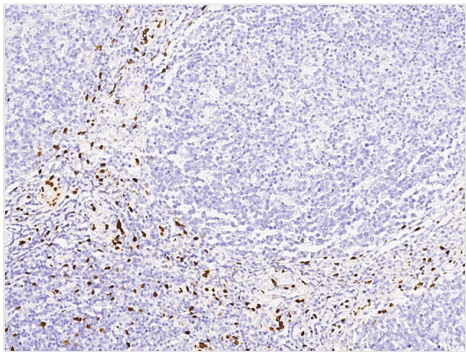
PRODUCT SYNONYMS

IL-33; Monoclonal Antibody; Anti-IL-33 Antibody; Mouse Monoclonal; IL-33 Antibody; Mouse MAb; interleukin 33; Anti-C9orf26 Antibody; Anti-DVS27 Antibody; Anti-IL1F11 Antibody; Anti-NF-HEV Antibody; Anti-NFEHEV Antibody; anti-IL33 antibody

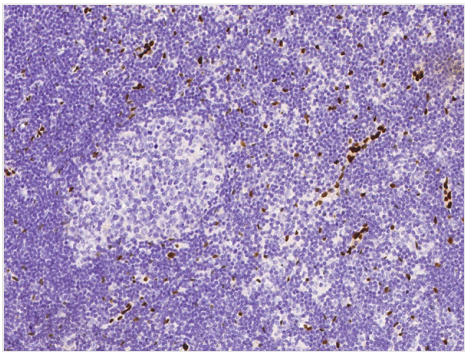
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a
Clone Number	27
Specificity	Human IL-33
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-IL33 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant Human IL-33 Protein
Conjugation	Unconjugated
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human IL-33 (rh IL-33). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunochemical staining of human IL-33 in human tonsil with mouse monoclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining of human IL-33 in human lymph node with mouse monoclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-IL33 antibody	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.
Product Categories/Family for anti-IL33 antibody	IL1 signaling pathway
References	likura M, et al. (2007) IL-33 can promote survival, adhesion and cytokine production in human mast cells. Lab Invest. 87(10): 971-8.Lamkanfi M, et al. (2009) IL-33 raises alarm. Immunity. 31(1): 5-7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15559209
NCBI GeneID	90865
NCBI Accession #	NP_254274.1
NCBI GenBank Nucleotide #	NM_033439.3
UniProt Accession #	O95760 ; Q2YEJ5 ; D3DRI5
Molecular Weight	17.9kD (159 amino acid residues)
NCBI Official Full Name	interleukin-33 isoform 1
NCBI Official Synonym Full Names	interleukin 33
NCBI Official Symbol	IL33
NCBI Official Synonym Symbols	DVS27; IL1F11; NF-HEV; NFEHEV; C9orf26; DKFZp586H0523; RP11-575C20.2
NCBI Protein Information	interleukin-33; IL-33; IL-1F11; OTTHUMP00000021041; DVS27-related protein; interleukin-1 family member 11; nuclear factor for high endothelial venules; nuclear factor from high endothelial venules
UniProt Protein Name	Interleukin-33
UniProt Gene Name	IL33
UniProt Synonym Gene Names	C9orf26; IL1F11; NFEHEV; IL-33; IL-1F11; NF-HEV
UniProt Entry Name	IL33_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/il-33-antibody-clone-27-immunohistochemistry-elisa/254872>