

Rabbit IL-33 Polyclonal Antibody | anti-IL33 antibody

IL-33 Antibody

CATALOG # AAA39438	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Immunofluorescence, Western Blot, ELISA
------------------------------	-----------------------	--	--

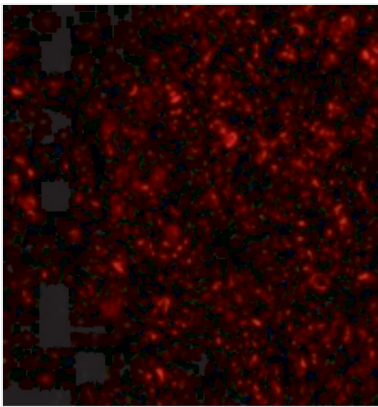
PRODUCT SYNONYMS

IL-33; Polyclonal Antibody; IL-33 Antibody; DVS27; IL1F11; NF-HEV; NFEHEV; C9orf26; NFHEV; Interleukin-33; Interleukin-1 family member 11; interleukin 33; anti-IL33 antibody

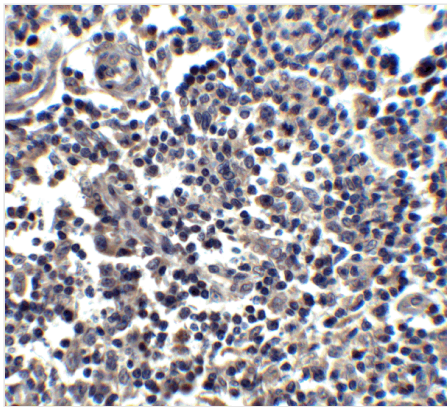
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	IL-33 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	270
Applicable Applications for anti-IL33 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IL-33 antibody was raised against a 19 amino acid synthetic peptide from near the center of human IL-33. The immunogen is located within amino acids 150 - 200 of IL-33.
Buffer	IL-33 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IL-33 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

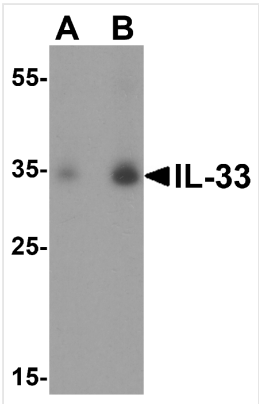
IMAGES



IF (Immunofluorescence)
Immunofluorescence of IL-33 in Human Lymph Node tissue with IL-33 antibody at 20 μ g/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of IL-33 in human lymph node tissue with IL-33 antibody at 2.5 μ g/ml.



WB (Western Blot)
Western blot analysis of IL-33 in A-20 cell lysate with IL-33 antibody at (A) 1 and (B) 2 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-IL33 antibody	IL-33 Antibody: Interleukin-33 (IL-33) is a recently identified member of the IL-1 family of cytokines whose other members include IL-1 β , IL-1Ra and IL-18. Its receptor has been shown to be ST2, an IL-1 receptor family member that also acts as a negative regulator of TLR-IL-1R signaling and IL-1R accessory protein (IL-1RAcP). Receptor binding of IL-33 activates NF- κ B and MAP kinases and induces the expression of TH2-associated cytokines such as IL-4, IL-5 and IL-6. Prolonged IL-33 treatment of mice led to the development of eosinophilia, splenomegaly, and severe pathological changes in mucosal organs such as lungs, esophagus and small intestine. Recent experiments have shown that IL-33 can also co-localize with heterochromatin and possesses transcriptional repressor activities, indicating that IL-33 may function as both a proinflammatory cytokine and an intracellular nuclear factor with transcriptional regulatory properties.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	15559209
NCBI GeneID	90865
NCBI Accession #	NP_254274
NCBI GenBank Nucleotide #	NM_033439.3
UniProt Accession #	O95760; Q2YEJ5; B2R8L1; B4DJ35; B4E1Q9; D3DRI5; E7EAX4

Molecular Weight	Predicted: 30 kDa
	Observed: 36 kDa
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
NCBI Protein Information	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
UniProt Protein Name	Interleukin-33
UniProt Gene Name	IL33
UniProt Synonym Gene Names	C9orf26; IL1F11; NFHEV; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/il-33-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/39438>