

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

IL-33 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA300835	Mouse	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

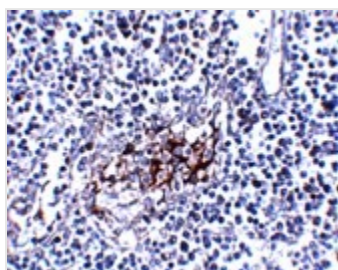
PRODUCT SYNONYMS

IL-33; Monoclonal Antibody; IL-33 Monoclonal Antibody; IL-33 (12B3C4); Interleukin-33; Nuclear factor from high endothelial venules; NFHEV; anti-IL-33 antibody

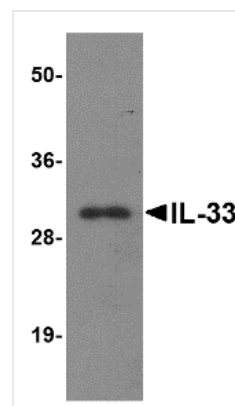
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	12B3C4
Purity/Purification	Immunoaffinity chromatography purified IgG
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	270
Applicable Applications for anti-IL-33 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Raised against the recombinant IL-33 protein.
Target Name	IL-33
Preparation and Storage	Can be stored at -20 degree C, stable for one year.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of IL-33 in human lymph node tissue with IL-33 antibody at 5 ug/mL.



WB (Western Blot)
Western blot analysis of IL-33 using 125ng of recombinant IL-33 with IL-33 antibody at 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-IL-33 antibody	Interleukin-33 (IL-33) is a recently identified member of the IL-1 family of cytokines whose other members include IL-1ab, 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-kB 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. Despite its predicted molecular weight, IL-33 will often run at higher molecular weight in SDS-PAGE.
Product Categories/Family for anti-IL-33 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	15559209
NCBI GeneID	90865
NCBI Accession #	NP_254274
NCBI GenBank Nucleotide #	NM_033439.3
Molecular Weight	16,250 Da
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
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/il-33-antibody-clone-12b3c4-immunohistochemistry-western-blot-elisa/300835>