

Mouse anti-Human, Rat Interleukin 33 (IL33) Monoclonal Antibody | anti-IL33 antibody

Monoclonal Antibody to Interleukin 33 (IL33)

CATALOG # AAA146553	HOST Mouse	REACTIVITY Human, Rat	APPLICATIONS Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot
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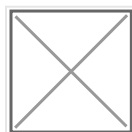
PRODUCT SYNONYMS

Interleukin 33 (IL33); Monoclonal Antibody; Monoclonal Antibody to Interleukin 33 (IL33); DV27; C9ORF26; IL1F11; NFHEV; Interleukin-1 Family; Member 11; Nuclear factor from high endothelial venules; anti-IL33 antibody

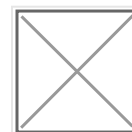
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	C19
Specificity	The antibody is a mouse monoclonal antibody raised against IL33. It has been selected for its ability to recognize IL33 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-IL33 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Interleukin 33 (IL33) (Ser112~Thr270)
Cross Reactivity	Human, Rat
Buffer Formulation	0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Label	None
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Glioma Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Glioma Tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant IL33, Human.

**WB (Western Blot)**

Western Blot: Sample: Rat Lung Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	313851030
NCBI GeneID	90865
NCBI Accession #	NP_001186569.1
NCBI GenBank Nucleotide #	NM_001199640.1
UniProt Accession #	O95760; Q2YEJ5; B2R8L1; B4DJ35; B4E1Q9; D3DRI5; E7EAX4
Molecular Weight	16,250 Da
NCBI Official Full Name	interleukin-33 isoform b
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

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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