

Product Datasheet

IL-33 Antibody (1C5) - Azide and BSA Free NBP2-80810

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-80810

IL-33 Antibody (1C5) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1C5
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	90865
Gene Symbol	IL33
Species	Human, Mouse
Immunogen	Synthetic peptide corresponding to an internal sequence of the human IL33 protein (between amino acids 100-270) [UniProt# O95760]
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 2 ug/ml, Immunohistochemistry 2-5 ug/ml, Immunohistochemistry-Paraffin 2-5 ug/ml
Application Notes	The canonical form of IL33 i.e. Isoform 1 is 270 amino acids long chain with predicted molecular weight of 30.8 kDa, however, this full length form gets processed via cleavage of n-terminal 111 amino acids (pro-peptide cleavage) to generate 159 amino acids long mature IL33 protein. In WB, the full length protein runs at ~30kDa, whereas, the processed mature form runs at ~18kDa position.

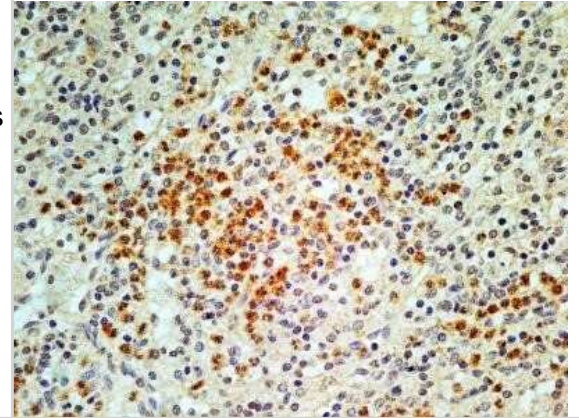


Images

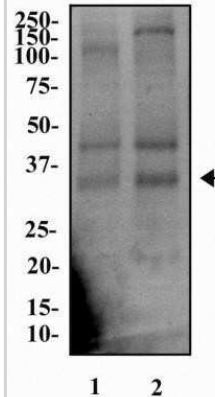
Western Blot: IL-33 Antibody (1C5) - Azide and BSA Free [NBP2-80810] - Analysis of IL33 recombinant protein using IL33 antibody (clone 1C5) at a concentration of 2 ug/ml. Image from the standard format of this antibody.



Immunohistochemistry: IL-33 Antibody (1C5) - Azide and BSA Free [NBP2-80810] - Analysis of IL33 protein in normal human spleen tissue sections using IL33 antibody (clone 1C5) at a concentration of 5 ug/ml. This antibody stained the nuclei as well as the cytoplasm of granulocytes and some other cell types in the red pulp of spleen ti



Western Blot: IL-33 Antibody (1C5) - Azide and BSA Free [NBP2-80810] - Analysis of IL33 in (1) U2OS and (2) HUVEC cell lysates. Image from the standard format of this antibody.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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