

# Product Datasheet

## IL-33 Antibody (1C5) [HRP] NBP2-31145H

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-31145H****IL-33 Antibody (1C5) [HRP]**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1C5
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Kappa
<b>Conjugate</b>	HRP
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	90865
<b>Gene Symbol</b>	IL33
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Synthetic peptide corresponding to an internal sequence of the human IL33 protein (between amino acids 100-270) [UniProt# O95760]

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	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.



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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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