

# Product Datasheet

## IL-33 Antibody (CL13438)

### NBP3-24558-100ul

Unit Size: 100 ul

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

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Updated 2/27/2025 v.20.1

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**NBP3-24558-100ul**

IL-33 Antibody (CL13438)

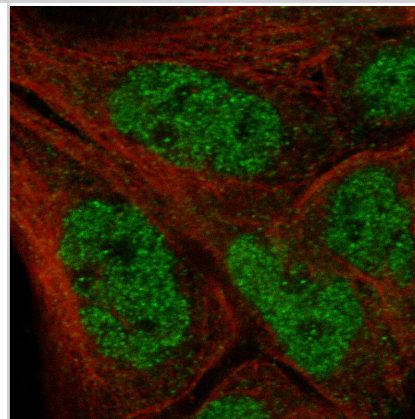
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13438
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

Product Description	
Host	Mouse
Gene ID	90865
Gene Symbol	IL33
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from O95760, with the exact immunogen sequence remaining proprietary.

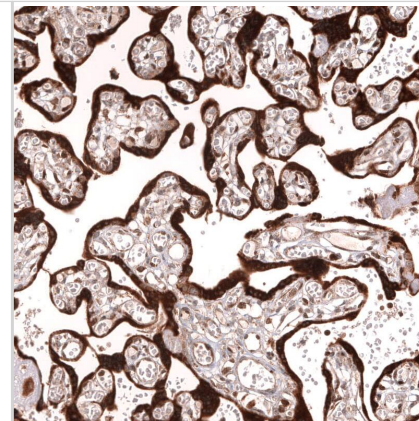
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, we recommend using Heat-Induced Epitope Retrieval (HIER) with a pH level of 6. This optimized retrieval method ensures the best results for your experiments, For ICC/IF, we recommend using a combination of PFA and Triton X-100. This will give you the optimal results for your experiments.

**Images**

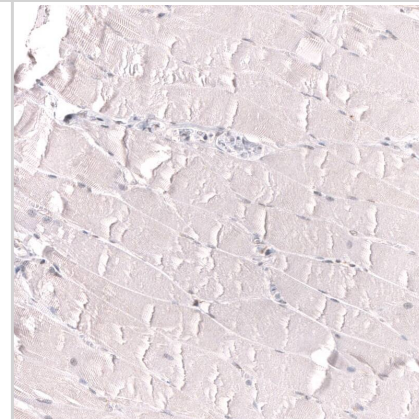
Staining in EFO-21 cell line with Anti-IL33 monoclonal antibody, showing specific staining of nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



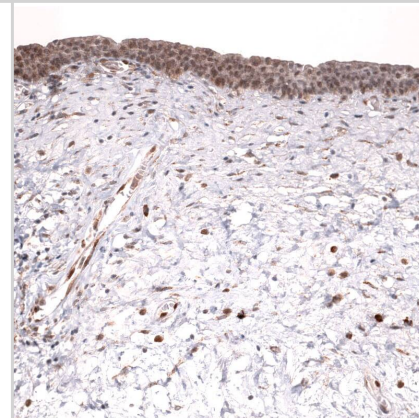
Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



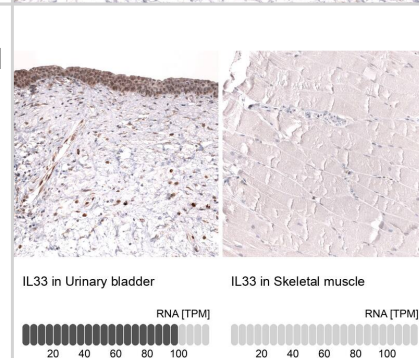
Staining of human skeletal muscle shows no positivity in myocytes as expected.



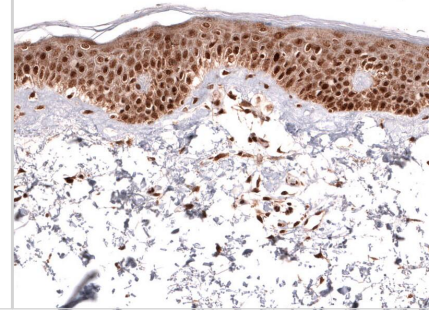
Staining of human urinary bladder shows strong nuclear positivity in urothelial cells.



Analysis in human urinary bladder and skeletal muscle tissues using NBP3-24558 antibody. Corresponding IL33 RNA-seq data are presented for the same tissues.



Staining of human skin shows strong nuclear positivity in squamous epithelial cells.





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### **Products Related to NBP3-24558-100ul**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP2-35248-10ug	Recombinant Rat IL-33 Protein

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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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