

# Product Datasheet

## Histamine Antibody NBP2-45266-0.1ml

Unit Size: 0.1 ml

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

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Updated 9/9/2025 v.20.1

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**NBP2-45266-0.1ml****Histamine Antibody**

| <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 short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.      |
| <b>Clonality</b>           | Polyclonal                                                                                  |
| <b>Preservative</b>        | 0.09% Sodium Azide                                                                          |
| <b>Isotype</b>             | IgG                                                                                         |
| <b>Purity</b>              | Immunogen affinity purified                                                                 |
| <b>Buffer</b>              | 10mM PBS (pH 7.4) and 1.0% BSA                                                              |

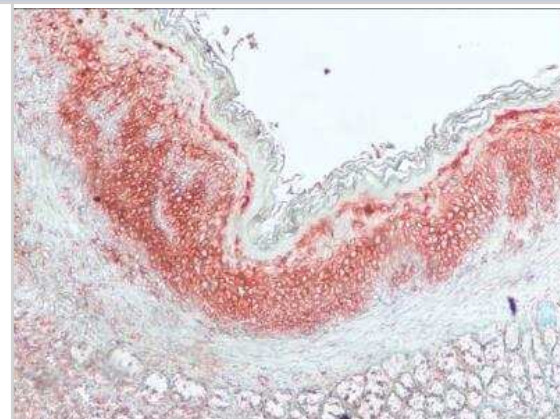
| <b>Product Description</b>     |                                                                                                                                                                                                                                              |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | Novus Biologicals Rabbit Histamine Antibody (NBP2-45266) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-Histamine Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                       |
| <b>Species</b>                 | Human, All Species                                                                                                                                                                                                                           |
| <b>Reactivity Notes</b>        | Human reactivity reported in scientific literature (PMID: 30758643).                                                                                                                                                                         |
| <b>Specificity/Sensitivity</b> | The product specifically stains histamine-containing cells in paraformaldehyde/carbodiimide-fixed or paraformaldehyde-fixed, paraffin-embedded sections of rat stomach (endocrine cells and mast cells).                                     |
| <b>Immunogen</b>               | Histamine conjugated to succinylated KLH.                                                                                                                                                                                                    |

| <b>Product Application Details</b> |                                                                                                                               |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Immunohistochemistry-Paraffin, Dot Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                        |
| <b>Recommended Dilutions</b>       | Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:100 - 1:200 , Dot Blot 1:14000 |
| <b>Application Notes</b>           | Dot Blot: 1:14,000 using histamine-BSA.                                                                                       |



## Images

Immunocytochemistry: Histamine Antibody [NBP2-45266] - Formalin fixed, paraffin-embedded Rat stomach tissue sections were stained with 1:100 Anti-Histamine antibody produced in Rabbit, followed by 25 ug/mL Anti-Rabbit IgG (whole molecule)-Biotin antibody produced in Goat and by 25 ug/mL ExtrAvidin-Peroxidase.



Immunohistochemistry: Histamine Antibody [NBP2-45266] - Formalin fixed, paraffin-embedded Rat stomach tissue sections were stained with 1:200 Anti-Histamine antibody produced in Rabbit (Cat. No. H7403), followed by 25 ug/mL Anti-Rabbit IgG (whole molecule)-Biotin antibody produced in Goat and by 25 ug/mL ExtrAvidin-Peroxidase.



## Publications

McAdams J, Ebott J, Jansen C et al. Neoadjuvant chemotherapy induces phenotypic mast cell changes in high grade serous ovarian cancer. Journal of ovarian research 2024-09-29 [PMID: 39342316]

Xiong Y, Liu L, Xia Y et al. Tumor infiltrating mast cells determine oncogenic HIF-2a-conferred immune evasion in clear cell renal cell carcinoma Cancer Immunol. Immunother. 2019-02-13 [PMID: 30758643] (IHC-P, Human)



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### **Products Related to NBP2-45266-0.1ml**

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|            |                                                     |
|------------|-----------------------------------------------------|
| HAF008     | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160     | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control                          |
| NBP2-62860 | Histamine ELISA Kit (Colorimetric)                  |

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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