

# Product Datasheet

## Lysozyme Antibody - BSA Free NBP2-33518

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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[technical@novusbio.com](mailto:technical@novusbio.com)

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**NBP2-33518**

Lysozyme Antibody - BSA Free

**Product Information**

|                      |                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 0.1 ml                                                                                                           |
| <b>Concentration</b> | Concentrations vary lot to lot. See 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>  | 0.02% Sodium Azide                                                                                               |
| <b>Isotype</b>       | IgG                                                                                                              |
| <b>Purity</b>        | Affinity purified                                                                                                |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol                                                                                    |

**Product Description**

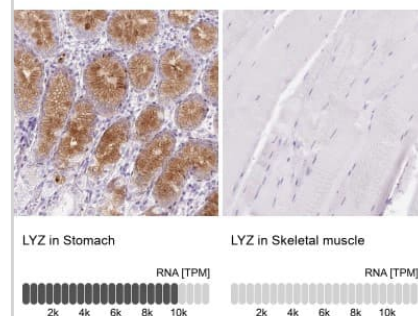
|                    |                                                                                                                                                                                                                                                          |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit Lysozyme Antibody - BSA Free (NBP2-33518) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Lysozyme Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Rabbit                                                                                                                                                                                                                                                   |
| <b>Gene ID</b>     | 4069                                                                                                                                                                                                                                                     |
| <b>Gene Symbol</b> | LYZ                                                                                                                                                                                                                                                      |
| <b>Species</b>     | Human                                                                                                                                                                                                                                                    |
| <b>Immunogen</b>   | This antibody was developed against a recombinant protein corresponding to amino acids:<br>WCNDGKTPGAVNACHLSCSALLQDNIADAVACAKRVVRDPQGIRAWVAWRN<br>RCQNRDVRQYVQGCG                                                                                        |

**Product Application Details**

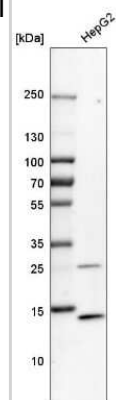
|                              |                                                                                                              |
|------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                                            |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                                                        |

**Images**

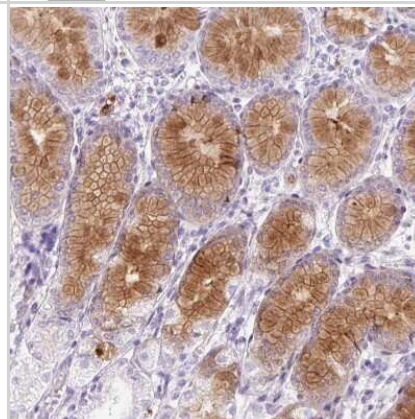
Immunohistochemistry-Paraffin: Lysozyme Antibody [NBP2-33518] - Analysis in human stomach and skeletal muscle tissues. Corresponding Lysozyme RNA-seq data are presented for the same tissues.



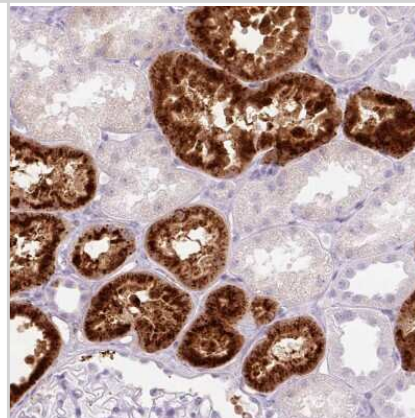
Western Blot: Lysozyme Antibody [NBP2-33518] - Analysis in human cell line HepG2.



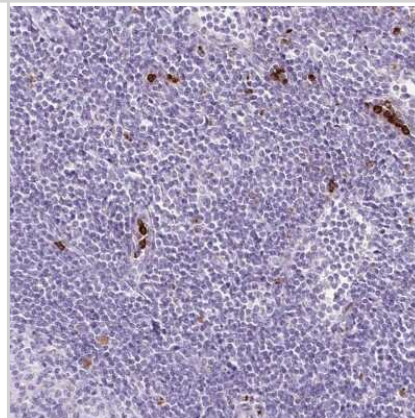
Immunohistochemistry-Paraffin: Lysozyme Antibody [NBP2-33518] - Staining of human stomach shows moderate extracellular positivity in glandular cells.



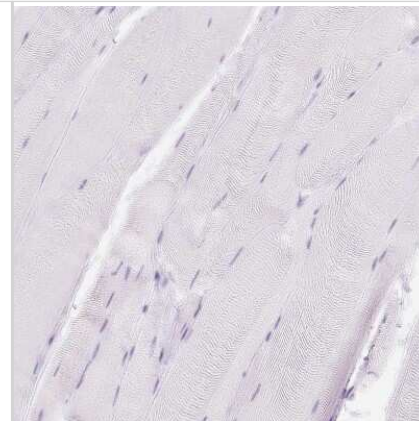
Immunohistochemistry-Paraffin: Lysozyme Antibody [NBP2-33518] - Staining of human kidney shows strong extracellular positivity in cells in tubules.



Immunohistochemistry-Paraffin: Lysozyme Antibody [NBP2-33518] - Staining of human lymph node shows moderate extracellular positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: Lysozyme Antibody [NBP2-33518] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



## Publications

Hassan M, Juanola O, Keller I et al. Paneth Cells Regulate Lymphangiogenesis under Control of Microbial Signals during Experimental Portal Hypertension Biomedicines 2022-06-25 [PMID: 35884808] (ICC/IF, Mouse)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-33518**

|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-33518PEP | Lysozyme Recombinant Protein Antigen                |
| NBP2-33376H   | Blue Marker Antibody (6F4-F6) [HRP]                 |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

### **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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