

# Product Datasheet

## Lysozyme Antibody (ST50-02) NBP2-67507

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 3

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**NBP2-67507**

## Lysozyme Antibody (ST50-02)

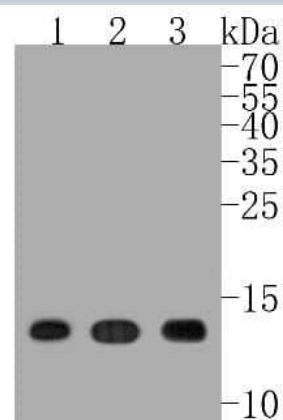
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ST50-02
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Lysozyme Antibody (ST50-02) (NBP2-67507) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, IHC, WB, ICC/IF and IP. Anti-Lysozyme Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4069
Gene Symbol	LYZ
Species	Human, Mouse
Immunogen	Synthetic peptide within Human Lysozyme aa 36-85 / 148. (SwissProt: P61626 Human; SwissProt: P08905 Mouse)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:200-1:500, Multiplex Immunofluorescence 1:2000
Application Notes	IP: Use at an assay dependent concentration.

**Images**

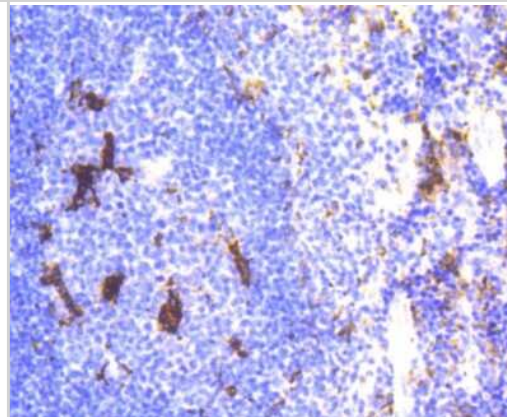
Western Blot: Lysozyme Antibody (ST50-02) [NBP2-67507] - Western blot analysis of Lysozyme on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-



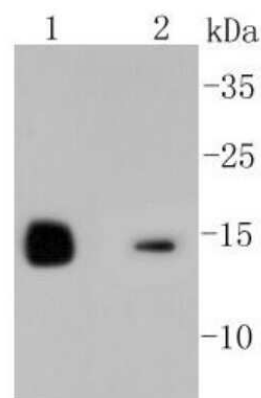
Immunocytochemistry/Immunofluorescence: Lysozyme Antibody (ST50-02) [NBP2-67507] - Staining Lysozyme in CRC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



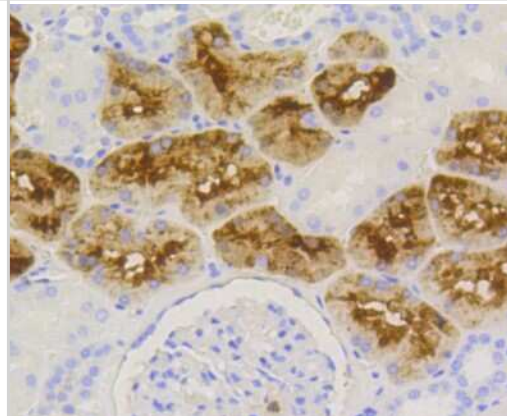
Immunohistochemistry-Paraffin: Lysozyme Antibody (ST50-02) [NBP2-67507] - Analysis of paraffin-embedded mouse spleen tissue using anti-Lysozyme antibody. Counter stained with hematoxylin.



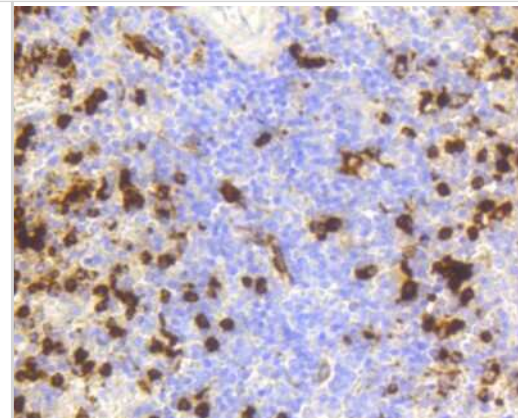
Western Blot: Lysozyme Antibody (ST50-02) [NBP2-67507] - Analysis of Lysozyme on different lysates using anti-Lysozyme antibody at 1/1,000 dilution. Positive control: Lane 1: Mouse kidney Lane 2: HL-60



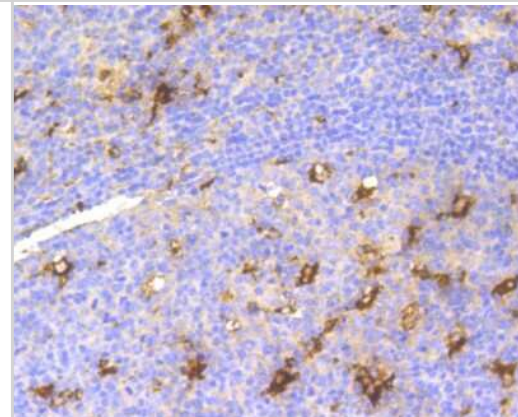
Immunohistochemistry-Paraffin: Lysozyme Antibody (ST50-02) [NBP2-67507] - Analysis of paraffin-embedded human kidney tissue using anti-Lysozyme antibody. Counter stained with hematoxylin.



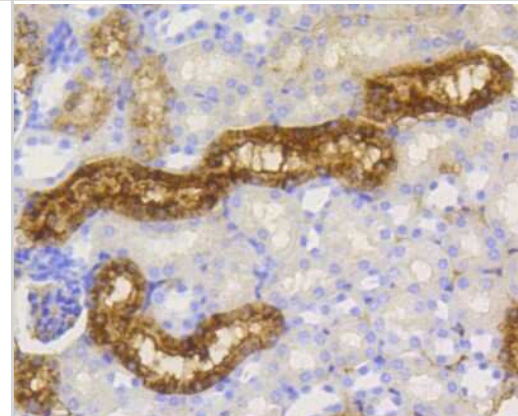
Immunohistochemistry-Paraffin: Lysozyme Antibody (ST50-02) [NBP2-67507] - Analysis of paraffin-embedded human spleen tissue using anti-Lysozyme antibody. Counter stained with hematoxylin. The nuclear counter stain is DAPI (blue).



Immunohistochemistry-Paraffin: Lysozyme Antibody (ST50-02) [NBP2-67507] - Analysis of paraffin-embedded human tonsil tissue using anti-Lysozyme antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Lysozyme Antibody (ST50-02) [NBP2-67507] - Analysis of paraffin-embedded mouse kidney tissue using anti-Lysozyme antibody. Counter stained with hematoxylin.



## Publications

Sanz Sánchez J, Regazzoli D, Barbanti M et Al. Impact of balloon post-dilation on valve durability and long-term clinical outcomes after self-expanding transcatheter aortic valve implantation Catheter Cardiovasc Interv 2024-01-04 [PMID: 37957842]

Pu C, Li Y, Fu Y et Al. Low-Dose Chemotherapy Preferentially Shapes the Ileal Microbiome and Augments the Response to Immune Checkpoint Blockade by Activating AIM2 Inflammasome in Ileal Epithelial Cells Adv Sci (Weinh) 2024-01-08 [PMID: 38189627]

Eninger T, Muller SA, Bacioglu M et al. Signatures of glial activity can be detected in the CSF proteome Proceedings of the National Academy of Sciences of the United States of America 2022-06-14 [PMID: 35666874] (WB, Mouse)



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### **Products Related to NBP2-67507**

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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

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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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