

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.

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

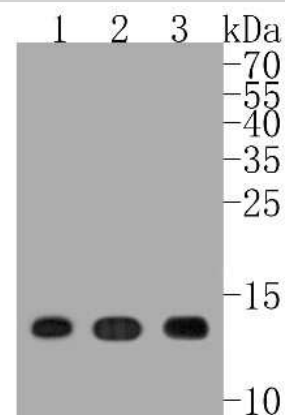
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ST50-02
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
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)

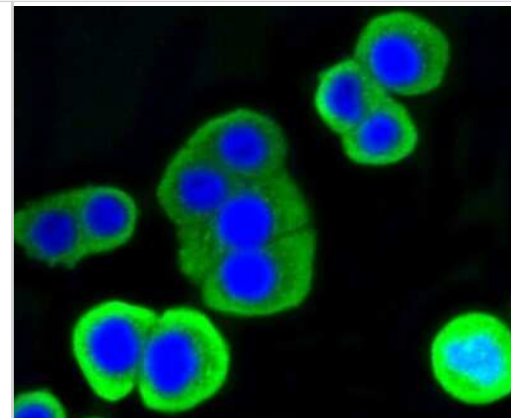
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Multiplex Immunoassay
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence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

Images

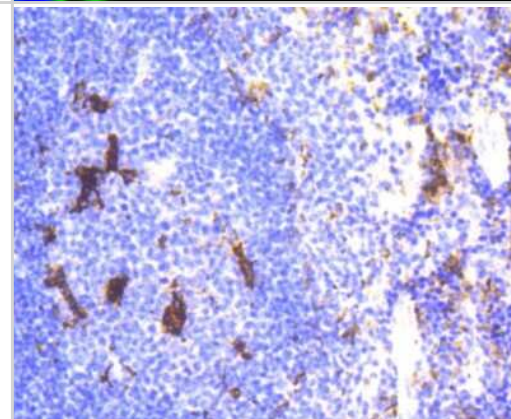
Western Blot: Lysozyme Antibody (ST50-02) [NBP2-67507] - Western blot analysis of Lysozyme on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours.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



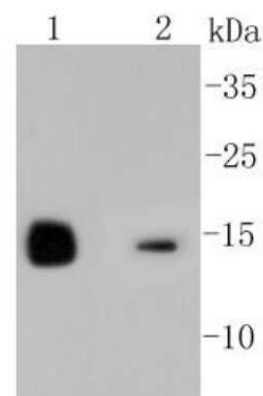
Immunocytochemistry/Immunofluorescence: Lysozyme Antibody (ST50-02) [NBP2-67507] - Staining Lysozyme in CRC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



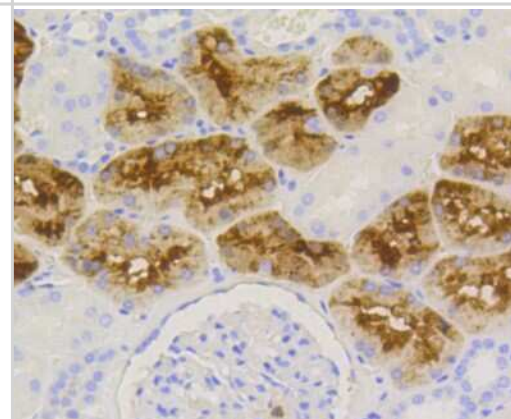
Immunohistochemistry-Paraffin: Lysozyme Antibody (ST50-02) [NBP2-67507] - Analysis of paraffin-embedded mouse spleen tissue using anti-Lysozyme antibody. Counter stained with hematoxylin.



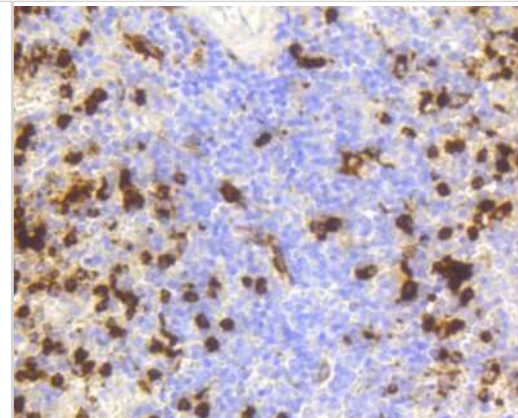
Western Blot: Lysozyme Antibody (ST50-02) [NBP2-67507] - Analysis of Lysozyme on different lysates using anti-Lysozyme antibody at 1/1,000 dilution. Positive control: Lane 1: Mouse kidney Lane 2: HL-60



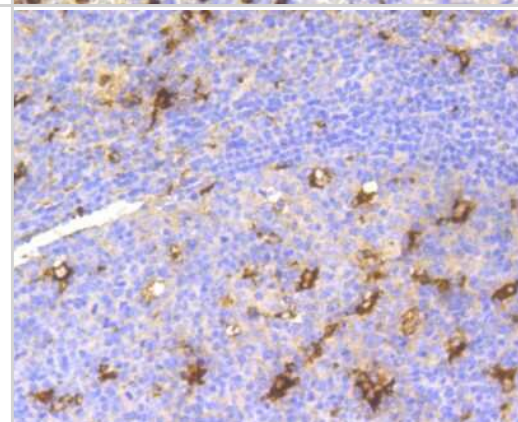
Immunohistochemistry-Paraffin: Lysozyme Antibody (ST50-02) [NBP2-67507] - Analysis of paraffin-embedded human kidney tissue using anti-Lysozyme antibody. Counter stained with hematoxylin.



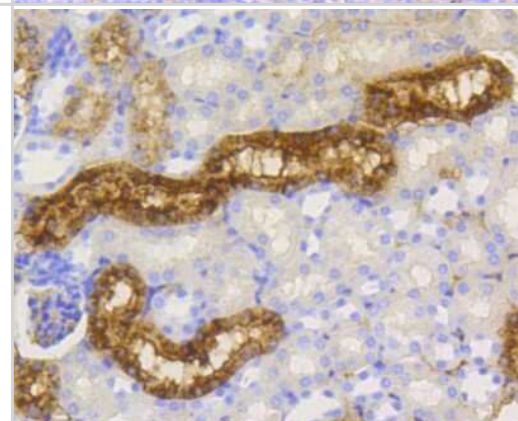
Immunohistochemistry-Paraffin: Lysozyme Antibody (ST50-02) [NBP2-67507] - Analysis of paraffin-embedded human spleen tissue using anti-Lysozyme antibody. Counter stained with hematoxylin. The nuclear counter stain is DAPI (blue).



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

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

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
P5238	Lysozyme Native Protein

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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