

# Product Datasheet

## Lysozyme Antibody (BGN/0696/5B1) [Alexa Fluor™ Plus 594] NB100-63062AFP594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-63062AFP594**

Lysozyme Antibody (BGN/0696/5B1) [Alexa Fluor™ Plus 594]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	BGN/0696/5B1
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Alexa Fluor Plus 594
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	4069
Gene Symbol	LYZ
Species	Human
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:34099671).
Marker	Histiocytic Marker
Specificity/Sensitivity	NB100-63062 recognizes lysozyme, an enzyme that is present in mucosal secretions such as saliva and tears and is involved with non-specific organism defence. It functions by hydrolyzing 1,2-beta linkages between N-acetylmuramic acid and N-acetyl-D-glucosamine residues such as those found in the walls of various Gram-positive bacteria.
Immunogen	Native, from urine
Notes	<p>This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a>. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.</p>

**Product Application Details**

<b>Applications</b>	Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-63062AFP594**

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P5238	Lysozyme Native Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-68057	Mouse Lysozyme ELISA Kit (Chemiluminescence)
AF3667	Myeloperoxidase/MPO Antibody [Unconjugated]

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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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