

# Product Datasheet

## Staphylococcus Aureus Antibody - BSA Free NB100-64499

Unit Size: 0.5 ml

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

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### Publications: 3

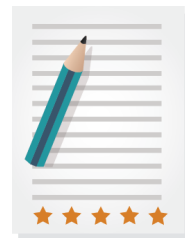
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**NB100-64499****Staphylococcus Aureus Antibody - BSA Free**

| <b>Product Information</b> |                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------|
| <b>Unit Size</b>           | 0.5 ml                                                                                 |
| <b>Concentration</b>       | 4.0 mg/ml                                                                              |
| <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>        | 0.1% Sodium Azide                                                                      |
| <b>Isotype</b>             | IgG                                                                                    |
| <b>Purity</b>              | IgG purified                                                                           |
| <b>Buffer</b>              | PBS                                                                                    |

| <b>Product Description</b>     |                                                                                                                                                                                                                                                                       |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | Novus Biologicals Rabbit Staphylococcus Aureus Antibody - BSA Free (NB100-64499) is a polyclonal antibody validated for use in IHC. Anti-Staphylococcus Aureus Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                |
| <b>Species</b>                 | Bacteria                                                                                                                                                                                                                                                              |
| <b>Specificity/Sensitivity</b> | Reacts with soluble and structural antigens of the whole bacterium. It is not absorbed for related microorganisms.                                                                                                                                                    |
| <b>Immunogen</b>               | Staphylococcus aureus                                                                                                                                                                                                                                                 |

| <b>Product Application Details</b> |                                                                                        |
|------------------------------------|----------------------------------------------------------------------------------------|
| <b>Applications</b>                | Immunohistochemistry-Frozen                                                            |
| <b>Recommended Dilutions</b>       | Immunohistochemistry-Frozen                                                            |
| <b>Application Notes</b>           | Use in Immunohistochemistry-Frozen reported in scientific literature (PMID: 31665625). |

**Publications**

Focken J, Scheurer J, Jäger A et al. Neutrophil extracellular traps enhance S. aureus skin colonization by oxidative stress induction and downregulation of epidermal barrier genes Cell reports 2023-09-19 [PMID: 37733587]

Wang J, Blalock S, Levitan G et al. Biological mechanisms of infection resistance in tissue engineered blood vessels compared to synthetic expanded polytetrafluorethylene grafts JVS-Vascular Science 2023-07-14 [PMID: 37662589] (IHC, Bacteria)

Schulz A, Jiang L, de Vor L et al. Neutrophil Recruitment to Noninvasive MRSA at the Stratum Corneum of Human Skin Mediates Transient Colonization Cell Rep 2019-10-29 [PMID: 31665625] (IHC-Fr)





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### **Products Related to NB100-64499**

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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                          |

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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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