

# Product Datasheet

## Shigella Antibody - BSA Free NB110-11566

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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**NB110-11566**

Shigella Antibody - BSA Free

Product Information	
Unit Size	0.5 ml
Concentration	4.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	10mM PBS (pH 7.2)

Product Description	
Description	Novus Biologicals Rabbit Shigella Antibody - BSA Free (NB110-11566) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-Shigella Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Species	Bacteria
Reactivity Notes	Reacts with Shigella species including <i>S. sonnei</i> .
Specificity/Sensitivity	Shigella
Immunogen	Mixture of <i>S. boydii</i> (ATCC #8700), <i>S. flexneri</i> (ATCC #29903) and <i>S. dysenteriae</i> (ATCC #13313).

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	ICC/IF: Works with stool samples. Acetone fixation of the antigen source is recommended prior to staining. Spot suspension of bacteria onto slide. Air dry. Fix slide with 100% Acetone for 5 minutes at room temperature. Air dry. Stain.

**Publications**

GUnther SD, Fritsch M, Seeger JM et al. Cytosolic Gram-negative bacteria prevent apoptosis by inhibition of effector caspases through lipopolysaccharide Nat Microbiol 2019-12-23 [PMID: 31873204]

Jeong KI, Venkatesan MM, Barnoy S, Tzipori S. Evaluation of virulent and live Shigella sonnei vaccine candidates in a gnotobiotic piglet model. Vaccine 2013-05-15 [PMID: 23684833] (IF/IHC, Bacteria)





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### **Products Related to NB110-11566**

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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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