

# Product Datasheet

## Infectious Bronchitis Virus Antibody (IB95) - BSA Free NBP2-31102-0.2mg

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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### Publications: 7

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**NBP2-31102-0.2mg**

Infectious Bronchitis Virus Antibody (IB95) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.2 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	IB95
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)

<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Species</b>	Virus
<b>Specificity/Sensitivity</b>	Nucleoprotein of IBV
<b>Immunogen</b>	Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with semi-purified inactivated Infectious Bronchitis virus of Massachusetts type from infected chicken embryos.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
<b>Application Notes</b>	Immunodetection of IBV N-protein in Western Blotting; IB virus detection in sandwich-type immunoassay (capture). Use in ICC/IF reported in scientific literature (PMID:33472590)



## Publications

Isham I, Abd-Elsalam R, Mahmoud M et al. Comparison of Infectious Bronchitis Virus (IBV) Pathogenesis and Host Responses in Young Male and Female Chickens Viruses 2023-11-22 [PMID: 38140526] (IHC-P)

Isham IM, Hassan MSH, Abd-Elsalam RM et al. Impact of Maternal Antibodies on Infectious Bronchitis Virus (IBV) Infection in Primary and Secondary Lymphoid Organs of Chickens Vaccines 2023-07-07 [PMID: 37515032] (IHC-P)

Hassan MSH, Abd-Elsalam RM, Ratcliff N et al. The impact of the experimental route of challenge on the host responses and pathogenesis of the Canadian Delmarva (DMV/1639) infectious bronchitis virus infection in laying chickens Veterinary immunology and immunopathology 2023-06-22 [PMID: 37364440] (IHC-P)

Li H, Ni R, Wang K et al. Chicken interferon-induced transmembrane protein 1 promotes replication of coronavirus infectious bronchitis virus in a cell-specific manner Veterinary Microbiology 2022-10-01 [PMID: 36368134] (ICC/IF, Virus)

Najimudeen S, Barboza-Solis C, Ali A Et al. Pathogenesis and host responses in lungs and kidneys following Canadian 4/91 infectious bronchitis virus (IBV) infection in chickens Virology 2021-12-01 [PMID: 34890893] (IHC-Fr, Virus)

Li H, Cui P, Fu X, et al. Identification and analysis of long non-coding RNAs and mRNAs in chicken macrophages infected with avian infectious bronchitis coronavirus BMC genomics 2021-01-20 [PMID: 33472590] (ICC/IF)

Li H, Li J, Zhai Y et al. Gga-miR-30d regulates infectious bronchitis virus infection by targeting USP47 in HD11 cells Microb. Pathog. 2020-01-23 [PMID: 31982568]





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### **Products Related to NBP2-31102-0.2mg**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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