

# Product Datasheet

## Goat anti-Chicken IgY (H+L) Secondary Antibody [HRP] NBP1-74778

Unit Size: 1 mg

Store lyophilized antibody at 4C. Mix reconstituted liquid with an equal volume of glycerol, aliquot contents and freeze at -20C or below for long term storage.

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**NBP1-74778****Goat anti-Chicken IgY (H+L) Secondary Antibody [HRP]**

<b>Product Information</b>	
<b>Unit Size</b>	1 mg
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store lyophilized antibody at 4C. Mix reconstituted liquid with an equal volume of glycerol, aliquot contents and freeze at -20C or below for long term storage.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.1% ProClin 150
<b>Reconstitution Instructions</b>	Rehydrate with 1.1 ml of deionized water and let stand 30 minutes at room temperature to dissolve. (Product has been overfilled to ensure complete recovery.) Centrifuge to remove any particulates. Prepare fresh working dilution daily.
<b>Isotype</b>	IgG
<b>Conjugate</b>	HRP
<b>Purity</b>	Affinity purified
<b>Buffer</b>	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free

<b>Product Description</b>	
<b>Description</b>	<p>Purity &gt; 95% based on SDS-PAGE. Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian. After reconstituted, prepare fresh working dilution daily.</p> <p>Store lyophilized material at 2-8C. For long term storage after reconstitution, dilute with 50% glycerol and store at -20C as a liquid.</p>
<b>Host</b>	Goat
<b>Species</b>	Chicken
<b>Reactivity Notes</b>	Based on IEP, no reactivity is observed to non-immunoglobulin chicken serum immunoglobulins
<b>Specificity/Sensitivity</b>	Based on IEP, this antibody reacts with heavy chains on chicken IgG (IgY) and light chains on all chicken immunoglobulins
<b>Immunogen</b>	Purified Chicken IgG/Y (H&L)

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:200-1:5000, ELISA 1:200-1:5000, Immunohistochemistry 1:500-1:5000, Immunohistochemistry-Paraffin
<b>Application Notes</b>	This conjugate is suitable for all immunoassay applications.



## Publications

Chandrasekar SS, Kingstad-Bakke BA, Wu CW et al. A DNA Prime and MVA Boost Strategy Provides a Robust Immunity against Infectious Bronchitis Virus in Chickens Vaccines (Basel) 2023-01-30 [PMID: 36851180]

Aristizabal Leost S Antibody responses of healthy poultry vaccinated against Newcastle Disease to lentogenic and velogenic isolates of the virus in Colombia Thesis 2021-01-01 (WB)

Chandrasekar SS, Kingstad-Bakke BA, Wu CW et al. A Novel Mucosal Adjuvant System for the Immunization Against Avian Coronavirus Causing Infectious Bronchitis J. Virol. 2020-07-15 [PMID: 32669327]

Details:

Citation using the HRP format of this antibody.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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