

# Product Datasheet

## Goat anti-Avian IgG (H+L) Secondary Antibody NB7226

Unit Size: 1 ml

Store at 4C. Do not freeze.

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### Publications: 7

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**NB7226****Goat anti-Avian IgG (H+L) Secondary Antibody**

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 1 ml  |
| <b>Concentration</b>               | 1.0 mg/ml   |
| <b>Storage</b>                     | Store at 4C. Do not freeze.   |
| <b>Clonality</b>                   | Polyclonal  |
| <b>Preservative</b>                | 0.09% Sodium Azide  |
| <b>Isotype</b>                     | IgG   |
| <b>Purity</b>                      | Immunogen affinity purified   |
| <b>Buffer</b>                      | PBS   |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Goat  |
| <b>Species</b>                     | Avian   |
| <b>Specificity/Sensitivity</b>     | By immunoelectrophoresis and ELISA this Goat anti-Avian IgG (H+L) Secondary Antibody reacts specifically with duck, sparrow, dove and chicken IgG. Turkey, ostrich, emu, quail, macaw and cockateil IgG are also detected. No antibody was detected against non-immunoglobulin serum proteins. This antibody may cross react with IgG from other species. |
| <b>Immunogen</b>                   | This Goat anti-Avian IgG (H+L) Secondary Antibody was developed against bird IgG-heavy and light chain.   |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| <b>Recommended Dilutions</b>       | Western Blot 1:1000-1:30000, ELISA 1:1000-1:30000 (Primary) 1:100-1:500 (for coating plates), Immunohistochemistry 1:200- 1:2000, Immunocytochemistry/ Immunofluorescence 1:200- 1:2000, Immunohistochemistry-Paraffin 1:200-1:2000   |



## Publications

Hegemann A, Pardal S, Matson KD. Indices of immune function used by ecologists are mostly unaffected by repeated freeze-thaw cycles and methodological deviations *Front Zool* 2017-09-09 [PMID: 28883887] (ELISA)

Tolf C, Latorre-Margalef N, Wille M et al. Individual variation in influenza A virus infection histories and long-term immune responses in Mallards *PLoS One* 2013-05-03 [PMID: 23637797] (ELISA, ELISA)

Meade P, Latorre-Margalef N, Stallknecht DE et al. Development of an influenza virus protein microarray to measure the humoral response to influenza virus infection in mallards *Emerg Microbes Infect* 2017-12-07 [PMID: 29209053] (ELISA)

Toomey MB, Butler MW, McGraw KJ et al. Immune-system activation depletes retinal carotenoids in house finches (*Carpodacus mexicanus*). *J Exp Biol.* [PMID: 20435822]

Details:

Citation using the HRP form of this antibody.

Herzog S, Enderlein D, Heffels-Redmann U et al. Indirect immunofluorescence assay for intra vitam diagnosis of avian bornavirus infection in psittacine birds. *J Clin Microbiol.* [PMID: 20392921]

Details:

Citation using the FITC form of this antibody.

Linke S, Niedrig M, Kaiser A et al. Serologic evidence of West Nile virus infections in wild birds captured in Germany. *Am J Trop Med Hyg.* [PMID: 17690413]

Details:

Citation using the FITC form of this antibody.

Ebel GD, Dupuis AP 2nd, Nicholas D et al. Detection by enzyme-linked immunosorbent assay of antibodies to West Nile virus in birds. *Emerg Infect Dis.* [PMID: 12194778]

Details:

Citation using the HRP form 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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