

## Rabbit Anti-Chicken IgG H&L, HRP conjugated

Catalog Number: bs-0310R-HRP

Target Protein: Rabbit Anti-Chicken IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:1000-10000), IHC-P (1:100-500), IHC-F (1:100-1000), ELISA (1:1000-10000)

Reactivity: Chicken

Purification: affinity purified by Protein A

Storage: 10 mM TBS (pH=7.4) with 1% BSA, 0.03% Proclin300 and 50% glycerol.

Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 8-17 mg/mL in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has two separate functions; to bind to the pathogen that elicited the response and to recruit other cells and molecules to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 10<sup>11</sup> variants.

### PRODUCT SPECIFIC PUBLICATIONS

[IF=5.364] Yue Zhang, et al. Cationic Nanoparticle-Stabilized Vaccine Delivery System for the H9N2 Vaccine to Promote Immune Response in Chickens. MOL PHARMACEUT. 2023;XXXX(XXX):XXX-XXX ELISA ; Chicken . 36795759

[IF=2.6] Wang Weiwei, et al. The complete protections induced by the oil emulsion vaccines of the novel variant infectious bursal disease viruses against the homologous challenges indicating the important roles of both VP2 and VP1 in the antigenicity and pathogenicity of the virus. FRONT VET SCI. 2024 Aug;11: ELISA ; Chicken . 39268520

[IF=2.657] Yang Y et al. Appropriate amount of W protein of avian avulavirus 1 benefits viral replication and W shows strain-dependent subcellular localization. Virology. 2019 Sep 27;538:71-85. WB ; Chicken . 31580973

[IF=3.352] Yu Wu, et al. Glycyrrhiza polysaccharides can improve and prolong the response of chickens to the Newcastle disease vaccine. Poultry Sci. 2021 Oct;;101549 ELISA ; Chicken . 10.1016/j.psj.2021.101549

[IF=3.293] Dejing Yin, et al. A fowl adenovirus serotype 4 (FAdV-4) Fiber2 subunit vaccine candidate provides complete protection against challenge with virulent FAdV-4 strain in chickens. Vet Microbiol. 2021 Oct;;109250 WB ; Chicken . 34649009