bs-0310R-HRP **[Secondary Antibodies]**

Rabbit Anti-Chicken IgG H&L, HRP conjugated

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

Target: Rabbit Anti-Chicken IgG H&L

Purification: affinity purified by Protein A

Concentration: 2.0 mg/ml

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 1011 variants.

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

Reactivity: Chicken

SELECTED CITATIONS

- **[IF=4.6]** Qiyi Huang. et al. 4-Benzyl-2-methyl-1,2,4-thiadiazolidine-3,5-dione rescues oligodendrocytes ferroptosis leading to myelin loss and ameliorates neuronal injury facilitating memory in neonatal hypoxic-ischemic brain damage. EXP NEUROL. 2025 Apr;:115262 WB ;Mouse. 40246011
- **[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=3.5]** Zuchen Song. et al. Lovastatin enhanced immune response to avian influenza vaccine in chickens and changed mRNA expression in the bursa of fabricius. VACCINE. 2025 Aug;61:127438 ELISA ;Chicken. 40578176
- **[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