

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

www.bioss.com.cn

sales@bioss.com.cn

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400-901-9800

Goat Anti-Chicken IgG H&L, HRP conjugated**— DATASHEET —**

Host: Goat	Isotype: IgG	Applications: WB (1:1000-10000)
Clonality: Polyclonal		IHC-P (1:100-500)
Target: Goat Anti-Chicken IgG H&L		IHC-F (1:100-1000)
Purification: affinity purified by Protein G		ELISA (1:1000-10000)
Concentration: 2.0 mg/ml		Reactivity: Chicken
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.		

— SELECTED CITATIONS —

- **[IF=64.5]** Honglei Sun. et al. Airborne transmission of human-isolated avian H3N8 influenza virus between ferrets. CELL. 2023 Sep 04 Other ;. 37669665
- **[IF=7.171]** Yawen Bu. et al. YLMY Tyrosine Residue within the Cytoplasmic Tail of Newcastle Disease Virus Fusion Protein Regulates Its Surface Expression to Modulate Viral Budding and Pathogenicity | Microbiology Spectrum. Microbiol Spectr. 2021 Dec;: WB ;Hamster. 34937182
- **[IF=6.549]** Renrong You. et al. Identification and Comparison of the Sialic Acid-Binding Domain Characteristics of Avian Coronavirus Infectious Bronchitis Virus Spike Protein. J VIROL. 2023 Apr 25 ELISA ;Chicken. 37097156
- **[IF=6.549]** Helong Feng. et al. Identification of Embryonic Chicken Proteases Activating Newcastle Disease Virus and Their Roles in the Pathogenicity of Virus Used as In Ovo Vaccine. J VIROL. 2023 Apr 12 IHC ;Chicken. 37042750
- **[IF=5.293]** Li Ning. et al. Nephropathogenic Infectious Bronchitis Virus Mediates Kidney Injury in Chickens via the TLR7/NF-κB Signaling Axis. Front Cell Infect Mi. 2022 Mar;0:247 WB ;Hens. 35402297