

**bs-0310G-FITC****[ Secondary Antibodies ]****Goat Anti-Chicken IgG H&L, FITC conjugated****BioSS**  
**ANTIBODIES**

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**— DATASHEET —**

<b>Host:</b> Goat <b>Clonality:</b> Polyclonal <b>Target:</b> Goat Anti-Chicken IgG H&L <b>Purification:</b> affinity purified by Protein G <b>Concentration:</b> 2.0 mg/ml <b>Storage:</b> 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. <b>Background:</b> 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.	<b>Isotype:</b> IgG <b>Applications:</b> IF (1:100-1000) <b>Flow-Cyt</b> (1:100-1000) <b>ICC/IF</b> (1:100-1000) Excitation Spectrum: 495nm Emission spectrum: 519nm <b>Reactivity:</b> Chicken
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**— SELECTED CITATIONS —**

- **[IF=9.593]** Mingjun Zhu. et al. CMPK2 is a host restriction factor that inhibits infection of multiple coronaviruses in a cell-intrinsic manner. PLOS BIOL. 2023 Mar;21(3):e3002039 WB ;Pig. 36930652
- **[IF=3.7]** Yuan Zhang. et al. Coinfection of avian hepatitis E virus and different serotypes of fowl adenovirus in chicken flocks in Shaanxi, China. MICROBIOL SPECTR. 2024 Dec 17 IF ;Chicken. 39688435
- **[IF=4.2]** Xiaolong Fan. et al. Development and evaluation of immunogenicity and protective efficacy of two recombinant attenuated newcastle disease viruses expressing the VP2 protein of infectious bursal disease virus. POULTRY SCI. 2025 Jul;104:105253 IF ;Mesocricetus auratus. 40339237
- **[IF=3.011]** Yao K et al. Involvement of the NLRC4 inflammasome in promoting retinal ganglion cell death in an acute glaucoma MousemodelExp Eye Res.2020 Dec 15;203:108388. IF ;. 33333046
- **[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 IF ;Chicken. 34649009