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

Catalog Number: bs-0310R-FITC

Target Protein: Rabbit Anti-Chicken IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IF (1:100-1000), Flow-Cyt (1:100-1000)

Excitation spectrum: 495nm

Emission spectrum: 519nm

Not yet tested in other applications.

Optimal working dilutions must be determined by the end user.

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

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[IF=2.83] Ren, Zhiguang, et al. "H5N1 Influenza Virus-Like Particle Vaccine Protects Mice from Heterologous Virus Challenge better than Whole Inactivated Virus." *Virus Research* (2015). Other ; Chicken . 25599603

[IF=3.35] Ji, Xianliang, et al. "Intranasal Immunization with Influenza Virus-Like Particles Containing Membrane-Anchored Cholera Toxin B or Ricin Toxin B Enhances Adaptive Immune Responses and Protection against an Antigenically Distinct Virus." *Viruses* 8.4 (2016): 115. Other ; Chicken . 27110810

[IF=3.285] Xu X et al. A genotype VII Newcastle disease virus-like particles confer full protection with reduced virus load and decreased virus shedding.(2019) *Vaccine*.37(3) ICC ; Chicken . 30545716

[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. ICC ; Chicken . 31580973