
Goat Anti-Chicken IgG H&L, FITC conjugated

Catalog Number: bs-0310G-FITC

Target Protein: Goat Anti-Chicken IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Goat

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 G

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.

PRODUCT SPECIFIC PUBLICATIONS

[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=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

[IF=2.602] YE Xihong. et al. Effect of lipoxin A₄ methyl ester from arachidonic acid on JAK2/STAT3 pathway after cerebral ischemia-reperfusion injury. CIENCIA TECNOL ALIME. 2023 Jan;43: IF ; Rat . 10.1590/fst.122322