
Goat Anti-Chicken IgG H&L, Cy3 conjugated

Catalog Number: bs-0310G-Cy3

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)

Excitation spectrum: 514nm,552nm

Emission spectrum: 570nm

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=5.9] Mao, Liang, et al. "Epothilone B impairs functional recovery after spinal cord injury by increasing secretion of macrophage colony-stimulating factor." *Cell Death & Disease* 8.11 (2017): e3162. Mao, Liang, et al. (2017) *Cell Death Dis.* 29095439 FCM rat Bioss, USA 5.965 "1 Department of Oncology, The First Affiliated Hospital of Jinzhou Medical University, Jinzhou 121000, People's Republic of China. 2 Key Laboratory of Medical Tissue Engineering of Liaoning Province, The First Affiliated H FCM ; Chicken . 29095439

[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