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## Goat Anti-Mouse IgG H&L, BF647 conjugated

Catalog Number: bs-0296G-BF647

Target Protein: Goat Anti-Mouse IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Goat

Clonality: Polyclonal

Isotype: IgG

Applications: IF (1:200-1000), Flow-Cyt (1:50-200)

Reactivity: Mouse

Purification: affinity purified by Protein G, nonspecific adsorbed

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

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[IF=4.5] Meiqi Xu. et al. Methyl- $\beta$ -cyclodextrin Enhances Tumor Cellular Uptake and Accumulation of  $\alpha$ -Linolenic Acid-Paclitaxel Conjugate Nanoparticles. MOL PHARMACEUT. 2024;XXXX(XXX):XXX-XXX IF ; Human . 39495317

[IF=4] Zhi Chen. et al. Chicken GSDME, a major pore-forming molecule responsible for RNA virus-induced pyroptosis in chicken. J VIROL. 2024 Nov 22 FC ; Chicken . 39576037