

bs-0297G-Bio**[Secondary Antibodies]**

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Goat Anti-Human IgG H&L, Biotin conjugated**— DATASHEET —**

Host: Goat	Isotype: IgG	Applications: WB (1:1000-10000) IHC-P (1:100-500) IHC-F (1:100-1000) IF (1:100-1000) Flow-Cyt (1:100-1000) ICC/IF (1:100-1000) ELISA (1:1000-10000)
Clonality: Polyclonal		Reactivity: Human
Target: Goat Anti-Human IgG H&L		
Purification: affinity purified by Protein G, nonspecific adsorbed		
Concentration: 2.0 mg/ml		
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.		

— SELECTED CITATIONS —

- **[IF=6.212]** Bin Du. et al. A Au nanoparticle- and polydopamine-modified biosensor: A strategy for in situ and label-free surface plasmon resonance immunoassays. ARAB J CHEM. 2022 Jul;;104158 Other ;. 10.1016/j.arabjc.2022.104158
- **[IF=3.84]** Zhao, Rui, et al. "Trace level detections of abrin with high SNR piezoresistive cantilever biosensor." Sensors and Actuators B: Chemical (2015). Other ;Human. 10.1016/j.snb.2015.02.002
- **[IF=2.523]** Yuan Tian. et al. A Low Spring Constant Piezoresistive Microcantilever for Biological Reagent Detection. Micromachines-Basel. 2020 Nov;11(11):1001 Other ;. 33198100