

bs-0297G-Cy3**[Secondary Antibodies]**

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Goat Anti-Human IgG H&L, Cy3 conjugated**— DATASHEET —**

Host: Goat Clonality: Polyclonal 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.	Isotype: IgG Applications: IF (1:100-1000) Flow-Cyt (1:100-1000) ICC/IF (1:100-1000) Excitation Spectrum: 552nm Emission spectrum: 570nm Reactivity: Human
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— SELECTED CITATIONS —

- **[IF=21.8]** Hongqin You. et al. $\gamma\delta$ T-cell autoresponses to ectopic membrane proteins: a new type of pattern recognition. cellular & molecular immunology. 2025 Feb 13. protein microarray ;Human. 39939816
- **[IF=6.1]** Xiuxiu Li. et al. A capillary-based microfluidic chip with the merits of low cost and easy fabrication for the rapid detection of acute myocardial infarction. TALANTA. 2023 Dec;265:124924 IF ;Human. 37437393
- **[IF=4.8]** Pei - Hao Lin. et al. Autoimmune astrocytopathy double negative for AQP4 - IgG and GFAP - IgG: Retrospective research of clinical practice, biomarkers, and pathology. CNS neuroscience & therapeutics. 2024 Sep;30(9):e70042. IF ;Human. 39279053
- **[IF=0]** He M et al. A Femtoliter On-Demand Droplet Dispensing System Based on Gigahertz Acoustic Resonator. Lab Chip. 2018 Aug 21;18(17):2540-2546. Other ;Human. 30043817