

bs-0296G-Cy3**[Secondary Antibodies]**

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

Host: Goat Clonality: Polyclonal Target: Goat Anti-Mouse 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 (1:200-1000) Flow-Cyt (1:50-200) ICC/IF (1:100-1000) Excitation Spectrum: 552nm Emission spectrum: 570nm Reactivity: Mouse
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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 ;Mouse. 39939816
- **[IF=14.1]** Kun Shi. et al. Injectable and Sprayable Thermoresponsive Hydrogel with Fouling-Resistance as an Effective Barrier to Prevent Postoperative Cardiac Adhesions. ADV SCI. 2025 Mar;:2500731 IF ;Rat. 40151892
- **[IF=13.6]** Guoheng Zhong. et al. Activation of Piezo1 promotes osteogenic differentiation of aortic valve interstitial cell through YAP-dependent glutaminolysis. SCI ADV. 2023 Jun;9(22) IF,ICC ;Human,Mouse. 37267365
- **[IF=13.273]** Dongmei Yu. et al. Interrod spacing dependent angiogenesis and osseointegration of Na₂TiO₃ nanorods-patterned arrays via immunoregulation. Chem Eng J. 2021 Jul;:131187 IF ;Rat. 10.1016/j.cej.2021.131187
- **[IF=11.9]** Liting Cheng. et al. All-stage targeted therapy for invasive cryptococcosis through interaction between the secretory protein Cig1 and hemin. ASIAN J PHARM SCI. 2025 Mar;:101053 IF ;Mouse. 10.1016/j.ajps.2025.101053