

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

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

<b>Host:</b> Goat <b>Clonality:</b> Polyclonal <b>Target:</b> Goat Anti-Mouse IgG H&L <b>Purification:</b> affinity purified by Protein G, nonspecific adsorbed <b>Concentration:</b> 2.0 mg/ml <b>Storage:</b> 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. <b>Background:</b> 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 10 <sup>11</sup> variants.	<b>Isotype:</b> IgG <b>Applications:</b> IF (1:200-1000) <b>Flow-Cyt</b> (1:50-200) <b>Reactivity:</b> 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=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 Na<sub>2</sub>TiO<sub>3</sub> nanorods-patterned arrays via immunoregulation. Chem Eng J. 2021 Jul;:131187 IF ;Rat. 10.1016/j.cej.2021.131187
- **[IF=11.4]** Hanjie Yu. et al. Key  $\beta$ 1-4 galactosylated glycan receptors of SARS-CoV-2 and its inhibitor from the galactosylated glycoproteins of bovine milk. J ADV RES. 2024 Dec;: IF ;. 39667665
- **[IF=10.334]** Zhao Cui. et al. Chip-DSF: A rapid screening strategy for drug protein targets. PHARMACOL RES. 2022 Aug;182:106346 IF ;. 35809766