

**bs-0293G-FITC****[ Secondary Antibodies ]**

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**Goat Anti-Rat IgG H&L, FITC conjugated****— DATASHEET —**

<b>Host:</b> Goat <b>Clonality:</b> Polyclonal <b>Target:</b> Goat Anti-Rat IgG H&L <b>Purification:</b> affinity purified by Protein G <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 1011 variants.	<b>Isotype:</b> IgG <b>Applications:</b> IF (1:200-1000) <b>Flow-Cyt</b> (1:50-200) <b>ICC/IF</b> (1:100-1000) Excitation Spectrum: 495nm Emission spectrum: 519nm <b>Reactivity:</b> Rat
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**— SELECTED CITATIONS —**

- **[IF=13.3]** Ziyang Huang. et al. Ligand Mediation for Tunable and Oxide Suppressed Surface Gold-Decorated Liquid Metal Nanoparticles. SMALL. 2023 Oct;;2306652 Other ;. 37806762
- **[IF=10.4]** Li, Lian, et al. "Multistage Nanovehicle Delivery System Based on Stepwise Size Reduction and Charge Reversal for Programmed Nuclear Targeting of Systemically Administered Anticancer Drugs." Advanced Functional Materials(2015). Other ;Rat. 10.1002/adfm.201501248
- **[IF=8.56]** Zhong, Jiaju, et al. "A Smart Polymeric Platform for Multistage Nucleus-Targeted Anticancer Drug Delivery." Biomaterials (2015). IHC ;Rat. 26142775
- **[IF=5.218]** Zhou and Sun Edwardsiella tarda-Induced Inhibition of Apoptosis: A Strategy for Intracellular Survival. (2016) Front.Cell.Infect.Microbiol. 6:76 FCM,Other ;Rat. 27471679
- **[IF=3.73]** Li, Mo-fei, et al. "Sil: A Streptococcus iniae Bacteriocin with Dual Role as an Antimicrobial and an Immunomodulator That Inhibits Innate Immune Response and Promotes S. iniae Infection." PLOS ONE 9.4 (2014): e96222. Other ;Rat. 24781647