

bs-0293G-Cy3**[Secondary Antibodies]**

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

Host: Goat Clonality: Polyclonal Target: Goat Anti-Rat IgG H&L Purification: affinity purified by Protein G 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: Rat
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— SELECTED CITATIONS —

- **[IF=9.4]** Keze Hong. et al. A nanodrug provokes antitumor immune responses via synchronous multicellular regulation for enhanced cancer immunotherapy. J COLLOID INTERF SCI. 2024 Sep;; IF ;Human. 39265345
- **[IF=8.2]** Shi, Yunmin. et al.Ganglioside GA2-mediated caspase-11 activation drives macrophage pyroptosis aggravating intimal hyperplasia after arterial injury.INTERNATIONAL JOURNAL OF BIOLOGICAL SCIENCES.2025 Jan 1;21(1):433-453. IF ;Goat, rat. 39744431
- **[IF=6.1]** Shan Zhang. et al. Synergistic lethality between auranofin-induced oxidative DNA damage and ATR inhibition in cancer cells. LIFE SCI. 2023 Nov;332:122131 IF ;Human. 37778414
- **[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=3.1]** Wang Yi. et al. Quercetin inhibits microglial pyroptosis following intracerebral hemorrhage via the TLR2/MyD88/NF-κB signaling pathway. N-S ARCH PHARMACOL. 2026 Jan;;1-25 IF ;Mouse. 41549176