

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

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Goat Anti-Mouse IgG H&L, RBITC 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: 540nm Emission spectrum: 574nm Reactivity: Mouse
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— SELECTED CITATIONS —

- **[IF=14.6]** Xiangyu Li. et al. PARylation promotes acute kidney injury via RACK1 dimerization-mediated HIF-1 α degradation. ACTA PHARM SIN B. 2025 Jul; IF ;Mouse,Human. 10.1016/j.apsb.2025.07.019
- **[IF=10.8]** Ming-lu Ji. et al. Targeting Stat3 with conditional knockout or PROTAC technology alleviates renal injury by Limiting pyroptosis. EBIOMEDICINE. 2025 Jun;116: IF ;Mouse. 40344718
- **[IF=9]** Ma Nannan. et al. CHOP-mediated Gasdermin E expression promotes pyroptosis, inflammation, and mitochondrial damage in renal ischemia-reperfusion injury. CELL DEATH DIS. 2024 Feb;15(2):1-17 IF ;Mouse. 38388468
- **[IF=7.793]** Wang JN et al. Smad3 promotes AKI sensitivity in diabetic mice via interaction with p53 and induction of NOX4-dependent ROS production. Redox Biol. 2020 Feb 26;32:101479. IF ;human. 32143149
- **[IF=7.793]** Wang JN et al. Smad3 Promotes AKI Sensitivity in Diabetic Mice via Interaction With p53 and Induction of NOX4-dependent ROS Production. Redox Biol. 2020 May;32:101479. WB,IF ;mouse. 32143149