

bs-0296R-BF488**[Secondary Antibodies]**

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Rabbit Anti-Mouse IgG H&L, BF488 conjugated**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal Target: Rabbit Anti-Mouse IgG H&L Purification: affinity purified by Protein A 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 (1:100-1000) Flow-Cyt (1:100-1000) ICC/IF (1:100-1000) Excitation Spectrum: 488nm Emission spectrum: 519nm Reactivity: Mouse
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— SELECTED CITATIONS —

- **[IF=14.3]** Hainan He. et al. Autophagy dictates PHGDH-mediated serine metabolism in a timely manner to support oocyte development. AUTOPHAGY. 2025 Sep IF ;Mouse. 40873008
- **[IF=8.7]** Xue Ou. et al. An MXene nanocomposite hydrogel for enhanced diabetic infected wound healing via photothermal antibacterial properties and bioactive molecule integration. Materials Today Bio. 2025 Feb 8;31:101538. IF ;Mouse. 10.1016/j.mtbio.2025.101538