

bs-0296G-PE**[Secondary Antibodies]****BioSS**
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Goat Anti-Mouse IgG H&L, PE 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 (1:100-1000) Flow-Cyt (1:100-1000) ICC/IF (1:100-1000) Excitation Spectrum: 496/564nm Emission spectrum: 578nm Reactivity: Mouse
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— SELECTED CITATIONS —

- **[IF=6.304]** Yin Zhu. et al. SOX2 promotes chemoresistance, cancer stem cells properties, and epithelial–mesenchymal transition by β -catenin and Beclin1/autophagy signaling in colorectal cancer. Cell Death Dis. 2021 May;12(5):1-16 IF ;Human. 33953166
- **[IF=6.208]** Shan Yang. et al. Hydrolyzed Conchiolin Protein (HCP) Extracted from Pearls Antagonizes both ET-1 and α -MSH for Skin Whitening. INT J MOL SCI. 2023 Jan;24(8):7471 FCM,IF ;Human. 37108635
- **[IF=5.9]** Mao Liang. et al. Epothilone B impairs functional recovery after spinal cord injury by increasing secretion of macrophage colony-stimulating factor. CELL DEATH DIS. 2017 Nov;8(11):e3162-e3162 FCM ;Mouse. 29095439
- **[IF=5.6]** Jingjie Huang. et al. Fluorescence-activated cell sorting-based efficient screening of monensin monoclonal antibodies and applications in lateral flow immunoassay. TALANTA. 2025 Oct;293:128128 ;. 40222095
- **[IF=5.31]** Xiaodong Cui. et al. Slight up-regulation of Kir2.1 channel promotes endothelial progenitor cells to transdifferentiate into a pericyte phenotype by Akt/mTOR/Snail pathway. 2021 Sep 30 FCM ;rat. 34592781