

**bs-0296G-Gold****[ Secondary Antibodies ]****Goat anti-Mouse IgG (H&L) pAb, Gold conj.****Bioss**  
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**— DATASHEET —**

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| <b>Host:</b> Goat<br><b>Clonality:</b> Polyclonal<br><b>Target:</b> Goat anti-Mouse IgG (H&L) pAb<br><b>Purification:</b> affinity purified by Protein G, nonspecific adsorbed<br><b>Concentration:</b> 0.4 mg/ml<br><b>Storage:</b> 20mM TBS (pH8.0) with 1% BSA and 0.02% Proclin300.<br>Store at 2-8°C for 3-6 months. Avoid repeated freeze/thaw cycles.<br><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<br><b>Applications:</b> <b>ICA</b> (1:20-200)<br><b>IEM</b> (1:20-200)<br><b>Reactivity:</b> Mouse |
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**— SELECTED CITATIONS —**

- **[IF=18.9]** Yousheng Wu. et al. FUS-mediated HypEVs: Neuroprotective effects against ischemic stroke. BIOACT MATER. 2023 Nov;29:196 Other ;Mouse. 10.1016/j.bioactmat.2023.07.009
- **[IF=16.6]** Gao Han. et al. Outer membrane vesicles from a mosquito commensal mediate targeted killing of Plasmodium parasites via the phosphatidylcholine scavenging pathway. NAT COMMUN. 2023 Aug;14(1):1-15 Other ;Mosquito. 37620328
- **[IF=8.625]** Yanhui Zhang. et al. A novel ambigrammatic mycovirus PsV5 works hand in glove with wheat stripe rust fungus to facilitate infection. Plant Communications. 2022 Dec;;100505 ICC ;Wheat. 36527233
- **[IF=8.579]** Li J et al. MGAT3-mediated glycosylation of tetraspanin CD82 at asparagine 157 suppresses ovarian cancer metastasis by inhibiting the integrin signaling pathway. Theranostics 2020;1014(14) Other ;. 32483464
- **[IF=8.579]** Li J et al. MGAT3-mediated glycosylation of tetraspanin CD82 at asparagine 157 suppresses ovarian cancer metastasis by inhibiting the integrin signaling pathway. Theranostics . 2020 May 16;10(14):6467-6482. Other ;Mouse. 32483464