

bs-0296G-APC**[Secondary Antibodies]****Goat Anti-Mouse IgG H&L, APC conjugated****BioSS**
ANTIBODIES

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— DATASHEET —

Host: Goat	Isotype: IgG	Applications: IF (1:100-1000)
Clonality: Polyclonal		Flow-Cyt (1:100-1000)
Target: Goat Anti-Mouse IgG H&L		ICC/IF (1:100-1000)
Purification: affinity purified by Protein G, nonspecific adsorbed		Excitation Spectrum: 650nm
Concentration: 2.0 mg/ml		Emission spectrum: 660nm
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.		Reactivity: Mouse
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.		

— SELECTED CITATIONS —

- **[IF=6.8]** Yingying Chen. et al. MUC4 mutations promote a thrombotic phenotype in patients with paroxysmal nocturnal haemoglobinuria by increasing the deposition of terminal complement. CLIN TRANSL MED. 2026 Jan;16(1):e70567 FC ;Human. 41492103
- **[IF=4.1]** Mengyu Xu. et al. Integrative multi-omics analysis decodes HOXC9-driven malignant transformation and metastasis in OSCC. ISCIENCE. 2025 Sep IF ;Human. 41054515
- **[IF=3.575]** Huayuan Liu. et al. FNDC5 induces M2 macrophage polarization and promotes hepatocellular carcinoma cell growth by affecting the PPARγ/NF-κB/NLRP3 pathway. Biochem Bioph Res Co. 2021 Dec;582:77 IF ;Human. 34695754