

bs-0294D-FITC**[Secondary Antibodies]****Donkey anti-Goat IgG (H&L) pAb, FITC conj.****BioSS**
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— DATASHEET —

Host: Donkey Clonality: Polyclonal Target: Donkey anti-Goat IgG (H&L) pAb Purification: affinity purified by Protein G Concentration: 2.0 mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C. 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: 495nm Emission spectrum: 519nm Reactivity: Goat
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— SELECTED CITATIONS —

- **[IF=15.7]** Yang Bingsheng. et al. Macrophage-derived amphiregulin induces myofibroblast transition in adipogenic lineage precursors near Staphylococcus aureus abscess in bone marrow. NAT COMMUN. 2025 Sep;16(1):1-20 FC ;Goat. 40998791
- **[IF=12.121]** Yuan Wang. et al. Alpha-ketoglutarate ameliorates age-related osteoporosis via regulating histone methylations. Nat Commun. 2020 Nov;11(1):1-14 IF ;Mouse, Rat. 33154378
- **[IF=11.9]** Jianwen Su. et al. The protective role of adipogenic lineage precursors in maintaining bone marrow redox homeostasis in a mouse model of prenatal dexamethasone exposure. REDOX BIOL. 2025 Aug;;103820 IF ;Mouse. 40845776
- **[IF=7.5]** Yu-Hang Li. et al. Inhibition of calcium-sensing receptor by its antagonist promotes gastrointestinal motility in a Parkinson' s disease mouse model. BIOMED PHARMACOTHER. 2024 May;174:116518 IF ;Mouse. 38565057
- **[IF=6.388]** Liang Liang. et al. Oridonin relieves depressive-like behaviors by inhibiting neuroinflammation and autophagy impairment in rats subjected to chronic unpredictable mild stress. PHYTOTHER RES. 2022 Jun 09 IF ;Rat. 35686337