bs-0297G-FITC **[Secondary Antibodies]**

Goat Anti-Human IgG H&L, FITC conjugated

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DATASHEET

Host: Goat **Isotype:** IgG

Clonality: Polyclonal

Target: Goat Anti-Human 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.

Applications: **IF** (1:100-1000)
Flow-Cyt (1:100-1000)
ICC/IF (1:100-1000)

Excitation Spectrum: 495nm
Emission spectrum: 519nm

Reactivity: Human

SELECTED CITATIONS

- **[IF=11.092]** Changhao Li. et al. Piezoelectric Bioactive Glasses Composite Promotes Angiogenesis by the Synergistic Effect of Wireless Electrical Stimulation and Active Ions. ADV HEALTHC MATER. 2023 Mar;:2300064 IF ;Human. 36854114
- **[IF=8.786]** Liu Lili. et al. Case report: Immunoadsorption therapy for anti-caspr1 antibody-associated nodopathy. FRONT IMMUNOL. 2022 Sep;0:5317 IF ;Human. 36211443
- **[IF=3.53]** Du H, Shi L, Chen P, Yang W, Xun Y, Yang C, et al. (2015) Prohibitin Is Involved in Patients with IgG4 Related Disease. PLoS ONE 10(5): e0125331. Other ;Human. 25932630
- **[IF=4.164]** Chengnan Tian. et al. CREB1 transcription-activated lncRNA PVT1 promotes cardiac fibrosis via miR-145/HCN1 axis. Int J Cardiol. 2022 Jan;: IF ;Human. 35063587
- **[IF=1.79]** Zhang, Ruohu, et al. "Immunoassays based on surface-enhanced fluorescence using gap-plasmon-tunable Ag bilayer nanoparticle films." Journal of fluorescence 23.1 (2013): 71-77. ELISA ;Human. 22890683