bs-0295G-BF488 **[Secondary Antibodies]**

Goat Anti-Rabbit IgG H&L, BF488 conjugated

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DATASHEET

Host: Goat **Isotype:** IgG

Clonality: Polyclonal

Target: Goat Anti-Rabbit 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** (1:200-1000)
Flow-Cyt (1:50-200)
ICC/IF (1:100-1000)

Excitation Spectrum: 488nm
Emission spectrum: 519nm

Reactivity: Rabbit

SELECTED CITATIONS

- **[IF=27.4]** Yichao Lu. et al.An OMV-Based Nanovaccine as Antigen Presentation SignalEnhancer for Cancer lmmunotherapy.ADVANCED MATERIALS.2025 Feb;37(8):e2413392. IF ;Rabbit. 39811977
- **[IF=27.4]** Ying-Tao Zhong. et al.Plasma Membrane Targeted Photodynamic Nanoagonist to Potentiate Immune Checkpoint Blockade Therapy by Initiating Tumor Cell Pyroptosis and Depleting Infiltrating B Cells.ADVANCED MATERIALS.2025 Feb 26:e2415078. IF,flow cytometry ;Rabbit. 40012447
- **[IF=15.7]** Wang Xinyu. et al. PRMT3 reverses HIV-1 latency by increasing chromatin accessibility to form a TEAD4-P-TEFb-containing transcriptional hub. NAT COMMUN. 2025 May;16(1):1-18 IF ;Human. 40374607
- **[IF=16]** Jing Zhang. et al. Robust and Regular Micronano Binary Texture on the Complex Curved Surface for Enhanced Reendothelialization and Antithrombotic Performance. ACS NANO. 2025;XXXX(XXX):XXX-XXX IF,FC ;Human. 39813732
- **[IF=14.7]** Ruofei Zhang. et al.Hypoxia-tropic delivery of nanozymes targeting transferrin receptor 1 for nasopharyngeal carcinoma radiotherapy sensitization.NATURE COMMUNICATIONS.2025 Jan 21;16(1):890. IF ;Mouse. 39837820