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)

Reactivity: Rabbit

SELECTED CITATIONS

- **[IF=27.4]** Yichao Lu. et al.An OMV-Based Nanovaccine as Antigen Presentation SignalEnhancer for Cancer Immunotherapy.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=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
- **[IF=13.3]** Keyan Zhang. et al.Epidermal growth factor receptor targeted photodynamic degrader to activate breast cancer immunity by intensifying immunogenic cell death and downregulating PD-L1.CHEMICAL ENGINEERING JOURNAL. IF ;Mouse. 10.1016/j.cej.2025.160811
- **[IF=13.3]** Ying-Tao Zhong. et al.Chemotherapeutics-enabled apoptosis-pyroptosis switch to trigger adaptive and innate immunity for metastatic breast cancer immunotherapy.CHEMICAL ENGINEERING JOURNAL.2025 Jan Western blot ;Mouse.