

bs-0295G-BF488**[Secondary Antibodies]****Bioss**
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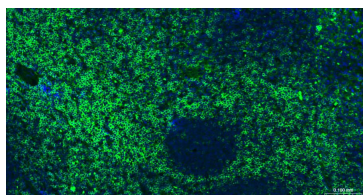
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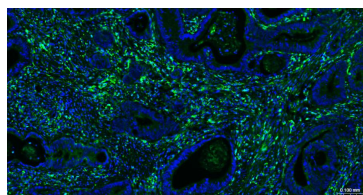
400-901-9800

Goat anti-Rabbit IgG (H&L) pAb, BF488 conj.**— DATASHEET —**

Host: Goat	Isotype: IgG	Applications: IF (1:200-1000)
Clonality: Polyclonal		Flow-Cyt (1:50-200)
Target: Goat anti-Rabbit IgG (H&L) pAb		ICC/IF (1:100-1000)
Purification: affinity purified by Protein G, nonspecific adsorbed		Excitation Spectrum: 488nm
Concentration: 2.0 mg/ml		Emission spectrum: 519nm
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.		Reactivity: Rabbit
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.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD4 Monoclonal Antibody, Unconjugated (bsm-52469R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-02965-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD4 Monoclonal Antibody, Unconjugated (bsm-52469R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-02965-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.

— SELECTED CITATIONS —

- **[IF=27.4]** Yichao Lu. et al. An OMV-Based Nanovaccine as Antigen Presentation Signal Enhancer 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=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=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=15.7]** Peng Yiwei. et al. Leveraging engineered mitochondria through intercellular communication network for

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accelerated transport and delivery. NAT COMMUN. 2025 Dec;: IF ;MOUSE. 41436474