

bs-0296G-BF488**[Secondary Antibodies]****Bioss**
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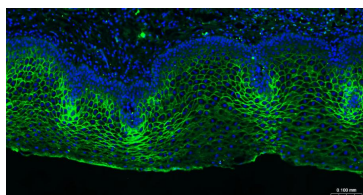
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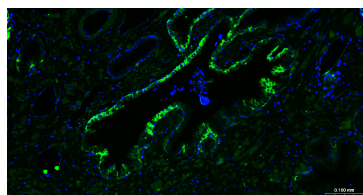
400-901-9800

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

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

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded Human Esophagus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with TROP2 Monoclonal Antibody, Unconjugated (bsm-43037M) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Mouse IgG antibody (green, bs-0296G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Human Prostate; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with TROP2 Monoclonal Antibody, Unconjugated (bsm-43037M) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Mouse IgG antibody (green, bs-0296G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.

— SELECTED CITATIONS —

- **[IF=14.7]** Huang Zhusheng. et al. Two-dimensional coordination risedronate-manganese nanobelts as adjuvant for cancer radiotherapy and immunotherapy. NAT COMMUN. 2024 Oct;15(1):1-20 IF ;Mouse. 39375342
- **[IF=14.6]** Haofan Wang. et al. A promising novel local anesthetic for effective anesthesia in oral inflammatory conditions through reducing mitochondria-related apoptosis. ACTA PHARM SIN B. 2025 Sep;; IF ;Rat. 10.1016/j.apsb.2025.09.001
- **[IF=11.4]** Yuwen Xie. et al. Targeting ATM enhances radiation sensitivity of colorectal cancer by Potentiating radiation-induced cell death and antitumor immunity. J ADV RES. 2024 Dec;; IF ;Human. 39708961
- **[IF=10.2]** Xingyue Chen. et al. Infection protection, immune regulation and epithelial regeneration trifunctional hydrogel for treatment of burn wounds. MATER TODAY BIO. 2026 Apr;37:102788 IF ;Mouse. 41585437
- **[IF=10.1]** Yiqing You. et al. BMP9 Potentiates Immunotherapy in Triple-Negative Breast Cancer by Suppressing Tregs

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Infiltration via the PRKDC-CCL2 Axis. CANCER LETT. 2025 Dec;;218175 IF ;Mouse. 41360160