

bs-0295G-BF555**[Secondary Antibodies]****Bioss**
ANTIBODIES

www.bioss.com.cn

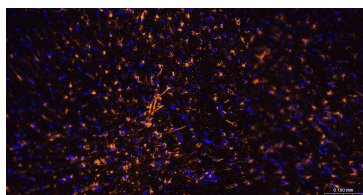
sales@bioss.com.cn

techsupport@bioss.com.cn

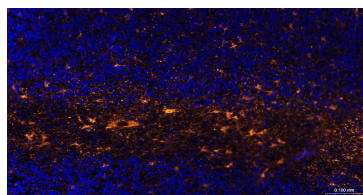
400-901-9800

Goat Anti-Rabbit IgG H&L, BF555 conjugated**— DATASHEET —**

Host: Goat	Isotype: IgG	Applications: IF (1:100-1000) Flow-Cyt (1:100-1000) ICC/IF (1:100-1000)
Clonality: Polyclonal		Excitation Spectrum: 555nm Emission spectrum: 572nm
Target: Goat Anti-Rabbit IgG H&L		Reactivity: Rabbit
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.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GFAP) Polyclonal Antibody, Unconjugated (bsm-42001R) at 1:200 overnight at 4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (bs-0295G-BF555) for 90 minutes, and DAPI for nuclei staining.



Paraformaldehyde-fixed, paraffin embedded (human cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GFAP) Polyclonal Antibody, Unconjugated (bsm-42001R) at 1:200 overnight at 4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (bs-0295G-BF555) for 90 minutes, and DAPI for nuclei staining.

— SELECTED CITATIONS —

- **[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=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]** 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

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

;Mouse.

- **[IF=10.1]** Yiqing You. et al. BMP9 Potentiates Immunotherapy in Triple-Negative Breast Cancer by Suppressing Tregs Infiltration via the PRKDC-CCL2 Axis. CANCER LETT. 2025 Dec;;218175 IF ;Mouse. 41360160