

bs-0295G-Cy3**[Secondary Antibodies]****Bioss**
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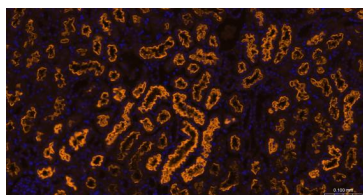
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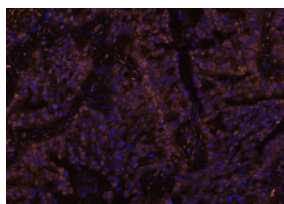
400-901-9800

Goat Anti-Rabbit IgG H&L, Cy3 conjugated**— DATASHEET —**

Host: Goat 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. 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.	Isotype: IgG Applications: IF (1:200-1000) Flow-Cyt (1:50-200) ICC/IF (1:100-1000) Excitation Spectrum: 552nm Emission spectrum: 570nm Reactivity: Rabbit
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded Mouse kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with LRP2 Monoclonal Antibody, Unconjugated (bsm-42103R) at 1:200 overnight at 4°C, followed by a Cy3 conjugated Goat Anti-Rabbit IgG antibody (bs-0295G-Cy3) for 90 minutes, and DAPI for nuclei staining.



Paraformaldehyde-fixed, paraffin embedded (human lung carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (c-Maf) Polyclonal Antibody, Unconjugated (bs-5977R) at 1:200 overnight at 4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (bs-0295G- cy3) for 90 minutes, and DAPI for nuclei staining.

— SELECTED CITATIONS —

- **[IF=44.7]** Zhenyu Wang. et al. A cytoplasmic osmosensing mechanism mediated by molecular crowding-sensitive DCP5. SCIENCE. 2024 Nov;386(6721) IF ;Human. 39480925
- **[IF=32.086]** Yuxin Liu. et al. Ferromagnetic flexible electronics for brain-wide selective neural recording. ADV MATER. 2022 Nov;;2208251 IF ;Rat. 36451587
- **[IF=15.1]** Ye Zhang. et al. Engineering of phytic acid-coated Prussian nanoparticles for combined Nitric oxide and Low-Temperature photothermal therapy of osteosarcoma. CHEM ENG J. 2024 Apr;;151730 IF ;Mouse. 10.1016/j.cej.2024.151730
- **[IF=14.612]** Na Zhou. et al. Specific Fluorescent Probe Based on “Protect–Deprotect” To Visualize the Norepinephrine Signaling Pathway and Drug Intervention Tracers. J Am Chem Soc. 2020;142(41):17751–17755 IF

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

;Human. 33000941

- **[IF=12.5]** Ya-Xuan Zhu. et al. In situ coagulation environment regulation-assisted thrombus clearance via hydrogenated silicon-based nanothrombolytics. SCI ADV. 2026 Feb;12(6) IF ;. 41650270