

**bs-0295G****[ Secondary Antibodies ]****Bioss**  
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www.bioss.com.cn

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techsupport@bioss.com.cn

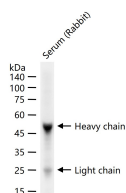
400-901-9800

**Goat Anti-Rabbit IgG H&L****DATASHEET****Host:** Goat**Isotype:** IgG**Clonality:** Polyclonal**Target:** Goat Anti-Rabbit IgG H&L**Immunogen:** Native Rabbit IgG: full length.**Purification:** affinity purified by Protein G**Storage:** 0.01M PBS (pH7.4).

Store at -20°C stable for 2 years (lyophilized powder). 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 10<sup>11</sup> variants.

**Applications:** Isotype Control  
Blocking Assay  
etc.  
Conjugate-Dependent.

**Reactivity:** Rabbit**VALIDATION IMAGES**

25 ug total protein per lane of various lysates (see on figure) probed with Rabbit IgG H&L polyclonal antibody, unconjugated (bs-0295G) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

**SELECTED CITATIONS**

- **[IF=24.897]** Yuan, Xulei. et al. Systemic antibiotics increase microbiota pathogenicity and oral bone loss. INT J ORAL SCI. 2023 Jan;15(1):1-14 IHC ;Mouse. 36631439
- **[IF=18.9]** Shusen Bao. et al. Conformationally regulated “nanozyme-like” cerium oxide with multiple free radical scavenging activities for osteoimmunology modulation and vascularized osseointegration. BIOACT MATER. 2024 Apr;34:64 IF ;Human. 10.1016/j.bioactmat.2023.12.006
- **[IF=19]** Xuan Thien Le. et al. Peroxidase-Mimicking Iron-Based Single-Atom Upconversion Photocatalyst for Enhancing Chemodynamic Therapy. ADV FUNCT MATER. 2024 May;:2401893 WB ;Mouse. 10.1002/adfm.202401893
- **[IF=16.744]** Lubin Zhou. et al. A self-pumping dressing with in situ modification of non-woven fabric for promoting diabetic wound healing. CHEM ENG J. 2022 Dec;:141108 IHC ;Rat. 10.1016/j.cej.2022.141108
- **[IF=16.6]** Liu Chunxiao. et al. Targeting P2Y14R protects against necroptosis of intestinal epithelial cells through PKA/CREB/RIPK1 axis in ulcerative colitis. NAT COMMUN. 2024 Mar;15(1):1-16 WB ;Mouse,Human. 38453952

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