

bs-0293G-HRP**[Secondary Antibodies]****Bioss**
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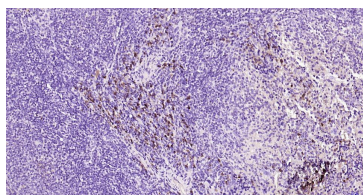
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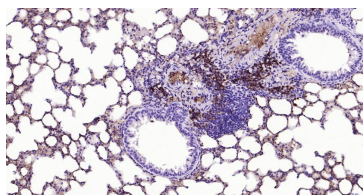
400-901-9800

Goat Anti-Rat IgG H&L, HRP conjugated**— DATASHEET —**

Host: Goat	Isotype: IgG	Applications: WB (1:2000-20000) IHC-P (1:100-1000) IHC-F (1:100-1000) ELISA (1:2000-20000)
Clonality: Polyclonal		Reactivity: Rat
Target: Goat Anti-Rat IgG H&L		
Purification: affinity purified by Protein G		
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 Mouse spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Ly-6G Monoclonal Antibody, Unconjugated(bsm-30178A) at 1:200 overnight at 4°C, followed by conjugation to the bs-0293G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Ly-6G Monoclonal Antibody, Unconjugated(bsm-30178A) at 1:200 overnight at 4°C, followed by conjugation to the bs-0293G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=14.026]** Congcong Chen. et al. Radix Paeoniae Alba attenuates Radix Bupleuri-induced hepatotoxicity by modulating gut microbiota to alleviate the inhibition of saikosaponins on glutathione synthetase. J PHARM ANAL. 2023 Jun;13:640 WB ;Rat. 10.1016/j.jpha.2023.04.016
- **[IF=10.5]** Fangzhou Du. et al. Controlled release of mesenchymal stem cell-derived nanovesicles through glucose- and reactive oxygen species-responsive hydrogels accelerates diabetic wound healing. J CONTROL RELEASE. 2024 Dec;376:985 WB ;Mouse,Human. 39505216
- **[IF=9.4]** Keze Hong. et al. A nanodrug provokes antitumor immune responses via synchronous multicellular regulation for enhanced cancer immunotherapy. J COLLOID INTERF SCI. 2024 Sep;: IHC ;Mouse. 39265345
- **[IF=7.4]** Hong-Chieh Tsai. et al. Acrolein produced by glioma cells under hypoxia inhibits neutrophil AKT activity and suppresses anti-tumoral activities. FREE RADICAL BIO MED. 2023 Oct;207:17 Other ;. 37414347
- **[IF=6.8]** Lingfeng Luo. et al. Maternal genetic intergenerational and transgenerational effects on hormone synthesis in ovarian granulosa cells of offspring exposed to cadmium during pregnancy. ECOTOX ENVIRON SAFE. 2023 Sep;263:115278

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

WB ;Rat. 37481859