

bs-0296G-Bio**[Secondary Antibodies]**

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Goat Anti-Mouse IgG H&L, Biotin conjugated**— DATASHEET —**

Host: Goat Clonality: Polyclonal Target: Goat Anti-Mouse 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. 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.	Isotype: IgG Applications: WB (1:2000-20000) IHC-P (1:200-1000) IHC-F (1:200-1000) IF (1:100-1000) Flow-Cyt (1:100-1000) ICC/IF (1:100-1000) ELISA (1:2000-20000) Reactivity: Mouse
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— SELECTED CITATIONS —

- **[IF=14.919]** Shi, Xiaojing. et al. Stroke subtype-dependent synapse elimination by reactive gliosis in mice. Nat Commun. 2021 Nov;12(1):1-19 IHC ;Mouse. 34836962
- **[IF=8.758]** Yonghong Zha. et al. Dual-Modal Immunosensor with Functionalized Gold Nanoparticles for Ultrasensitive Detection of Chloroacetamide Herbicides. Acs Appl Mater Inter. 2021;13(5):6091–6098 Other ; 33512133
- **[IF=6.796]** Jing Liu. et al. Chronic administration of triclosan leads to liver fibrosis through hepcidin-ferroportin axis-mediated iron overload. J ENVIRON SCI-CHINA. 2023 Feb; IHC ;Mouse. 10.1016/j.jes.2023.02.004
- **[IF=5.81]** Wei W. et al. Apigenin, a Single Active Component of Herbal Extract, Alleviates Xerostomia <i>via</i> ERα-Mediated Upregulation of AQP5 Activation.. Front Pharmacol. 2022 Feb;13:818116-818116 IHC ;Mouse. 35264956
- **[IF=4.71]** Han, Ziyu, Yanyan Wang, and Xuexin Duan. "Biofunctional polyelectrolytes assembling on biosensors–A versatile surface coating method for protein detections." Analytica Chimica Acta (2017). ELISA ;Mouse. 28351633