

bs-0297G-HRP**[Secondary Antibodies]**

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

Host: Goat	Isotype: IgG	Applications: WB (1:2000-10000) IHC-P (1:100-500) IHC-F (1:100-1000) ELISA (1:1000-10000)
Clonality: Polyclonal		Reactivity: Human
Target: Goat Anti-Human 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 10 ¹¹ variants.br>		

— SELECTED CITATIONS —

- **[IF=22.7]** Chen Xiangyu. et al. An oncolytic virus delivering tumor-irrelevant bystander T cell epitopes induces anti-tumor immunity and potentiates cancer immunotherapy. Nature Cancer. 2024 Apr;;1-19 ELISA ;Human. 38609488
- **[IF=21.023]** Xiaofei Wang. et al. 35B5 antibody potentially neutralizes SARS-CoV-2 Omicron by disrupting the N-glycan switch via a conserved Spike epitope. Cell Host Microbe. 2022 Mar;; ELISA ;Sars-Cov-2 Wt S Trimer Protein,Delta S Protein, Omicron S Protein. 35436443
- **[IF=20.999]** Lin Yao. et al. Nasal Spray of Neutralizing Monoclonal Antibody 35B5 Confers Potential Prophylaxis Against Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Variants of Concern (VOCs): A Small-scale Clinical Trial. CLIN INFECT DIS. 2022 Jun;; ELISA ;Human. 35666466
- **[IF=18.187]** Wang, Xiaofei. et al. A potent human monoclonal antibody with pan-neutralizing activities directly dislocates S trimer of SARS-CoV-2 through binding both up and down forms of RBD. SIGNAL TRANSDUCT TAR. Signal Transduct Tar. 2022 Apr;7(1):1-13 ELISA ;Monkey. 35383141
- **[IF=16.016]** Jia-min Yan. et al. Bunyavirus SFTSV exploits autophagic flux for viral assembly and egress. 2021 Nov 06 WB,IF ;Human. 34747299