

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

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Goat anti-Human IgG (H&L) pAb**— DATASHEET —**

Host: Goat	Isotype: IgG	Applications: Isotype Control Blocking Assay etc. Conjugate-Dependent.
Clonality: Polyclonal		Reactivity: Human
Target: Goat anti-Human IgG (H&L) pAb		
Purification: affinity purified by Protein G		
Storage: 0.01M PBS (pH7.4). 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.		

— SELECTED CITATIONS —

- **[IF=22]** Lei Wang. et al. Circular RNA vaccine encoding chimeric antigen derived from the FtrA confers protection against Aspergillus fumigatus infection. MATER TODAY. 2026 Jul;96:103326 **ELISA ;Human**. 10.1016/j.mattod.2026.103326
- **[IF=12.545]** Peidong Hua. et al. Distributed optical fiber biosensor based on optical frequency domain reflectometry. BIOSENS BIOELECTRON. 2023 May;228:115184 **Other ;**. 36878065
- **[IF=9.9]** Lijun You. et al. Magnetic polyphosphazene@Au particles as substrates for multiple-detection of immunoproteins by surface-enhanced Raman spectroscopy. J COLLOID INTERF SCI. 2023 Oct;648:1006 **Other ;**. 10.1016/j.jcis.2023.06.047
- **[IF=9.518]** He Q et al. Spectral-optical-tweezer-assisted fluorescence multiplexing system for QDs-encoded bead-array bioassay. Biosens Bioelectron. 2019 Mar 15;129:107-117. **Other ;Human**. 30685705
- **[IF=8.4]** Lili Zhao. et al. Target-induced photoelectrochemistry and colorimetric dual-mode platform for HIgG based on Ag2S/SnO2 composites and CoOOH nanoflakes. SENSOR ACTUAT B-CHEM. 2024 Jun;409:135638 **Other ;**. 10.1016/j.snb.2024.135638