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

Rabbit Anti-Human IgG H&L

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

Target: Rabbit Anti-Human IgG H&L

Immunogen: Native Human IgG: full length.

Purification: affinity purified by Protein A

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 1011 variants.

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

Reactivity: Human

SELECTED CITATIONS

- **[IF=10.435]** Li, Qianlin. et al. Highly potent multivalent VHH antibodies against Chikungunya isolated from an alpaca naïve phage display library. J NANOBIOTECHNOL. 2022 Dec;20(1):1-15 ELISA ;Human. 35568912
- **[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
- **[IF=5.7]** Li, Rui, et al. "4–Amino–1–(3–mercapto–propyl)–pyridine hexafluorophosphate ionic liquid functionalized gold nanoparticles for IgG immunosensing enhancement." Analytical Chemistry (2014). Other ;Human. 24803006
- **[IF=5.7]** Li, Rui, et al. "4–Amino–1–(3–mercapto–propyl)–pyridine hexafluorophosphate ionic liquid functionalized gold nanoparticles for IgG immunosensing enhancement." Analytical Chemistry (2014). Other ;Human. 24803006
- **[IF=6.41]** Zhang, Si, et al. "A double signal electrochemical Human immunoglobulin G immunosensor based on gold nanoparticles-polydopamine functionalized reduced graphene oxide as a sensor platform and AgNPs/Carbon nanocomposite as signal probe and catalytic substrate." Biosensors and Bioelectronics (2015). Other ;Human. 26556185