

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

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

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>Target:</b> Rabbit Anti-Mouse IgG H&L <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 2.0 mg/ml <b>Storage:</b> 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. <b>Background:</b> 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.	<b>Isotype:</b> IgG <b>Applications:</b> <b>WB</b> (1:1000-10000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-1000) <b>IF</b> (1:100-1000) <b>ELISA</b> (1:1000-10000) <b>Reactivity:</b> Mouse
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**— SELECTED CITATIONS —**

- **[IF=5.548]** Xiao-Yi Gao. et al. Development of Fc-specific multi-biotinylated antibodies via photoreactive tandem AviTag repeats for the ultrasensitive determination of ochratoxin A. Food Control. 2022 Feb;132:108525 ELISA ;Rice. 10.1016/j.foodcont.2021.108525
- **[IF=3.44]** Yu, Linpo, Yang Liu, and Ming Zhou. "Improved electrochemiluminescence labels for heterogeneous microbead immunoassay." Analytical and Bioanalytical Chemistry (2016): 1-9. Other ;Mouse. 27178555
- **[IF=1.736]** Yaqiong Tian. et al. Identifying Mitochondrial Transcription Factor A As a Potential Biomarker for the Carcinogenesis and Prognosis of Prostate Cancer. GENET TEST MOL BIOMA. 2023 Jan;27(1):5-11 IHC ;Human. 36719981