

bs-0303R-HRP**[Secondary Antibodies]**

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Rabbit Anti-Dog IgG H&L, HRP conjugated**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal Target: Rabbit Anti-Dog IgG H&L Purification: affinity purified by Protein A 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 (1:1000-10000) IHC-P (1:100-500) IHC-F (1:100-1000) ELISA (1:1000-10000) Reactivity: Dog
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— SELECTED CITATIONS —

- **[IF=6.5]** Zhang Chengqi. et al. mRNA-LNP vaccine encoding CDV hemagglutinin confers effective protection in raccoon dogs. NPJ VACCINES. 2025 Dec;; ELISA ;Raccoon dogs. 41392091
- **[IF=2.245]** Wang Zheng. et al. Detection of Antibodies Against Canine Circovirus in Naturally and Experimentally Infected Canines by Recombinant Capsid Enzyme-Linked Immunosorbent Assay. Front Vet Sci. 2020 May;7:294 WB ;Dog. 32548131
- **[IF=2.14]** Yi, Li, et al. "Identification of a novel linear B-cell epitope using a monoclonal antibody against the carboxy terminus of the canine distemper virus nucleoprotein and sequence analysis of the identified epitope in different CDV isolates." Virology Journal 14.1 (2017): 187. WB ;="Dog". 28962633