

bs-0311R-HRP**[Secondary Antibodies]**

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Rabbit Anti-Biotin, HRP conjugated**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal Target: Rabbit Anti-Biotin 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: Biotin is a water soluble vitamin, generally classified as a B complex vitamin, also called vitamin B4. After the initial discovery of biotin, nearly forty years of research were required to establish it as a vitamin. Biotin is required by all organisms but can only be synthesized by bacteria, yeasts, molds, algae, and some plant species. Biotin is required as prosthetic group of enzymes involved in incorporation of carbon dioxide into organic compounds. Biotin has a MW of 244 Da.	Isotype: IgG Applications: WB (1:1000-10000) IHC-P (1:100-500) IHC-F (1:100-1000) ELISA (1:1000-10000)
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— SELECTED CITATIONS —

- **[IF=3.286]** Nie R et al. A portable pencil-like immunosensor for point-of-care testing of inflammatory biomarkers. Anal Bioanal Chem. 2020 May;412(13):3231-3239. WB ;. 32172327
- **[IF=2.9]** Hong-Yun Nie. et al.Moxifloxacin plus Cordyceps polysaccharide ameliorate intestinal barrier damage due to abdominal infection via anti-inflammation and immune regulation under simulated microgravity.life sciences in space research.2025 Feb;44:23-37. IHC ;rat. 39864909