bs-0308R-HRP **[Secondary Antibodies]**

Rabbit Anti-Horse IgG H&L, HRP conjugated

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

Target: Rabbit Anti-Horse 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.

Applications: **WB** (1:1000-10000)
IHC-P (1:100-500)
IHC-F (1:100-1000)
ELISA (1:1000-10000)

Reactivity: Horse

SELECTED CITATIONS

- **[IF=4.91]** Zhao, Yongkun, et al. "Passive immunotherapy for Middle East Respiratory Syndrome coronavirus infection with equine immunoglobulin or immunoglobulin fragments in a mouse model." Antiviral Research (2016). ELISA ;Horse. 27890674
- **[IF=3.52]** Wang et al. Genome-Wide Search for Competing Endogenous RNAs Responsible for the Effects Induced by Ebola Virus Replication and Transcription Using a trVLP System. (2017) Front.Cell.Infect.Microbiol. 7:479 WB ;Horse. 29209594
- **[IF=3.811]** Wu F et al. A Chimeric Sudan Virus-Like Particle Vaccine Candidate Produced by a Recombinant Baculovirus System Induces Specific Immune Responses in Mice and Horses. Viruses. 2020 Jan 3;12(1). pii: E64. ELISA ;Horse. 31947873
- **[IF=3.6]** Fei Gao. et al. Circ_0001982 aggravates breast cancer development through the circ_0001982-miR-144-3p-GSE1 axis. J BIOCHEM MOL TOXIC. 2023 Oct;:e23565 IHC ;Mouse. 37867456
- **[IF=3.471]** Tongsheng Qi. et al. Seroepidemiology of Neosporosis in Various Animals in the Qinghai-Tibetan Plateau. FRONT VET SCI. 2022 Jul 19;9:953380 ELISA ;Neospora caninum. 35928116