
Rabbit Anti-Pig IgG H&L, HRP conjugated

Catalog Number: bs-0309R-HRP

Target Protein: Rabbit Anti-Pig IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

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

Reactivity: Pig

Purification: affinity purified by Protein A

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.

PRODUCT SPECIFIC PUBLICATIONS

[IF=7.78] Wei, Bo, et al. "Magnetic beads-based enzymatic spectrofluorometric assay for rapid and sensitive detection of antibody against ApxIVA of *Actinobacillus pleuropneumoniae*." *Biosensors and Bioelectronics* 35.1 (2012): 390-393. Other ; ="Pig" . 22538829

[IF=3.43] Li, XuePu, et al. "Sensitive immunoassay for porcine pseudorabies antibody based on fluorescence signal amplification induced by cation exchange in CdSe nanocrystals." *Microchimica Acta* 180.3-4 (2013): 303-310. ELISA ; ="Pig" . 10.1007/s00604-012-0934-y

[IF=3.231] Jinchao Zhang, et al. Serological Analysis of IgG and IgM Antibodies against *Anaplasma* spp. in Various Animal Species of the Qinghai-Tibetan Plateau. *ANIMALS*. 2022 Jan;12(19):2723 ELISA ; Pig . 36230463

[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

[IF=3.471] Lijun Zhang, et al. A Combinatorial Vaccine Containing Inactivated Bacterin and Subunits Provides Protection Against *Actinobacillus pleuropneumoniae* Infection in Mice and Pigs. *FRONT VET SCI*. 2022; 9: 902497 ELISA ; Mouse, Pig . 35747235