
Rabbit Anti-Pig IgG H&L

Catalog Number: bs-0309R

Target Protein: Rabbit Anti-Pig IgG H&L

Form: Lyophilized

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:1000-5000), IHC-P (1:100-500), IHC-F (1:200-1000), IF, ELISA (1:2000-10000)

Reactivity: Pig

Source: Native Pig IgG: full length.

Purification: affinity purified by Protein A

Storage: 0.01M PBS (pH7.4).

Store at -20°C stable for 2 years (lyophilized powder). 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=3.5] Li, Fang, et al. "Magnetic beads-based electrochemical immunosensor for detection of pseudorabies virus antibody in swine serum." *Talanta* (2011). Other ; ="Pig" . 22099683

[IF=4.464] Xiaoli Qin. et al. Toluidine blue-assisted synthesis of functionalized M (M=Cu, Co, Zn)-metal-organic frameworks for electrochemical immunoassay of proteins. *J Electroanal Chem.* 2022 Mar;;116186 Other ; Other . 10.1016/j.jelechem.2022.116186

[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