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## Mouse Anti-Rabbit IgG H&L

Catalog Number: bs-0295M

Target Protein: Mouse Anti-Rabbit IgG H&L

Form: Lyophilized

Host: Mouse

Clonality: Polyclonal

Isotype: IgG

Applications: ELISA (1:2000-10000)

Reactivity: Rabbit

Source: Native Rabbit IgG: full length.

Purification: affinity purified by Protein G

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 10<sup>11</sup> variants.

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=14.593] Maohua Chen. et al. Constructions of ROS-responsive titanium-hydroxyapatite implant for mesenchymal stem cell recruitment in peri-implant space and bone formation in osteoporosis microenvironment. *Bioact Mater.* 2022 Feb;; WB ; Rat . 10.1016/j.bioactmat.2022.02.006

[IF=5.667] Tia M et al. Copper deposition-induced efficient signal amplification for ultrasensitive lateral flow immunoassay.(2019) *Sensors and Actuators B: Chemical*, 282, 96–103. Other ; Rabbit . 10.1016/j.snb.2018.11.028

[IF=6.393] Tian M et al. A sensitive lateral flow immunochromatographic strip with Prussian blue nanoparticles mediated signal generation and cascade amplification. *Sensors and Actuators: B. Chemical* (2020). Other ; Rabbit . doi:10.1016/j.snb.2020.127728

[IF=4.546] Ya-Nan Gao. et al. Multi-Omics Reveal Additive Cytotoxicity Effects of Aflatoxin B1 and Aflatoxin M1 toward Intestinal NCM460 Cells. *TOXINS.* 2022 Jun;14(6):368 WB ; Human . 10.3390/toxins14060368

[IF=4.432] Pengfei Cheng. et al. A3 adenosine receptor agonist IB-MECA reverses chronic cerebral ischemia-induced inhibitory avoidance memory deficit. *Eur J Pharmacol.* 2022 Apr;921:174874 IHC,WB ; Mouse . 35278404