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## Rabbit Anti-MG IgG H&L

Catalog Number: bs-0403R

Target Protein: Rabbit Anti-MG 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: Mongolian gerbil

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 10<sup>11</sup> variants.

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=20.5] Quek Shannon. et al. Diverse RNA viruses of parasitic nematodes can elicit antibody responses in vertebrate hosts. NAT MICROBIOL. 2024 Sep;:1-18 WB ; Mongolian gerbil . 39232205

[IF=4.089] Ahn JH et al. Early IV - injected human dermis - derived mesenchymal stem cells after transient global cerebral ischemia do not pass through damaged blood - brain barrier.J Tissue Eng Regen Med. 2018 Jul;12(7):1646-1657. Other ; Gerbil . 29763986

[IF=3.8] Tiancheng Li. et al. Strain- and Subtype-Specific Replication of Genotype 3 Hepatitis E Viruses in Mongolian Gerbils. VIRUSES-BASEL. 2024 Oct;16(10):1605 ELISA ; Mongolian gerbil . 39459937

[IF=4.411] Tae-Kyeong Lee. et al. Populus tomentiglandulosa Extract Is Rich in Polyphenols and Protects Neurons, Astrocytes, and the Blood-Brain Barrier in Gerbil Striatum Following Ischemia-Reperfusion Injury. Molecules. 2021 Jan;26(18):5430 IHC ; gerbils . 34576901

[IF=4.231] Eun-Je Yi. et al. A Bivalent Inactivated Vaccine Prevents Enterovirus 71 and Coxsackievirus A16 Infections in the Mongolian Gerbil. BIOMOL THER. 2023 May 1; 31(3): 350-358 ELISA ; Mongolian Gerbil . 37041034