
Rabbit Anti-MG IgG H&L / HRP

Catalog Number: bs-0403R-HRP

Target Protein: Rabbit Anti-MG IgG H&L / HRP

Concentration: 2.0 mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

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

Reactivity: Mongolian gerbil

Isotype: IgG

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=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

[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=3.267] Tae-Kyeong Lee. et al. Therapeutic Effects of Decursin and Angelica gigas Nakai Root Extract in Gerbil Brain after Transient Ischemia via Protecting BBB Leakage and Astrocyte Endfeet Damage. Molecules. 2021 Jan;26(8):2161 IHC ; Mongolian gerbils . 33918660

[IF=3.038] Choong-Hyun Lee. et al. Comparison of Neuronal Death, Blood-Brain Barrier Leakage and Inflammatory Cytokine Expression in the Hippocampal CA1 Region Following Mild and Severe Transient Forebrain Ischemia in Gerbils. 2021 May 29 IHC ; Mongolian Gerbils . 34050880