
Mouse Anti-Rat IgG H&L, HRP conjugated

Catalog Number: bs-0293M-HRP

Target Protein: Mouse Anti-Rat IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Mouse

Clonality: Polyclonal

Isotype: IgG

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

Reactivity: Rat

Purification: affinity purified by Protein G

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=13.5] Yang Dan. et al. ZNT1 and Zn²⁺ control TLR4 and PD-L1 endocytosis in macrophage to improve chemotherapy efficacy against liver tumor. HEPATOLOGY. 2023 Oct;;10.1097/HEP.0000000000000629 WB ; Mouse . 37816045

[IF=11.8] Huanliang Liu. et al. PM2.5 triggers autophagic degradation of Caveolin-1 via endoplasmic reticulum stress (ERS) to enhance the TGF-β1/Smad3 axis promoting pulmonary fibrosis. ENVIRON INT. 2023 Nov;181:108290 WB ; Rat . 10.1016/j.envint.2023.108290

[IF=2.63] Xu Zhiwei. et al. Protective Effects of Interleukin-37 Expression against Acetaminophen-Induced Hepatotoxicity in Mice. EVID-BASED COMPL ALT. Evid-Based Compl Alt. 2022;2022:6468299 IHC ; Mouse . 35419070

[IF=1.922] Li H et al. Low-frequency ultrasound and microbubbles combined with simvastatin promote the apoptosis of MCF-7 cells by affecting the LATS1/YAP/RHAMM pathway H Li, C Chen, D Wang - Molecular Medicine ReportsMol Med Rep. 2018 Sep;18(3):2724-2732. WB ; Rat . 30015955

[IF=1.466] Dajing Jianget al. The protective effect of decoction of Rehmanniae via PI3K/Akt/mTOR pathway in MPP⁺-induced Parkinson's disease model cells. J Recept Signal Transduct Res . 2021 Feb;41(1):74-84. WB ; . 32611232