
Mouse Anti-Human IgG H&L

Catalog Number: bs-0297M

Target Protein: Mouse Anti-Human IgG H&L

Form: Lyophilized or Liquid

Host: Mouse

Clonality: Polyclonal

Isotype: IgG

Applications: ELISA (1:2000-10000)

Reactivity: Human

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 10¹¹ variants.

PRODUCT SPECIFIC PUBLICATIONS

[IF=9.9] Lijun You. et al. Magnetic polyphosphazene@Au particles as substrates for multiple-detection of immunoproteins by surface-enhanced Raman spectroscopy. J COLLOID INTERF SCI. 2023 Oct;648:1006 Other ; . 10.1016/j.jcis.2023.06.047

[IF=9.776] Shuang Li. et al. Broad and potent bispecific neutralizing antibody gene delivery using adeno-associated viral vectors for passive immunization against HIV-1. J Control Release. 2021 Oct;338:633 ELISA ; mouse . 34509584

[IF=4.7] Wang, Chongwen, et al. "Polyethylenimine-interlayered silver-shell magnetic-core microspheres as a multifunctional SERS substrate." Journal of Materials Chemistry C (2015). Other ; Human . 26502285

[IF=5.11] He,et al.Disposable Morpho menelaus Based Flexible Microfluidic and Electronic Sensor for the Diagnosis of Neurodegenerative Disease.(2018) Advanced Healthcare Materials. 7:. Other ; Human . 29345124

[IF=5.195] Ming-Jia Zhang. et al. SNS alleviates depression-like behaviors in CUMS mice by regulating dendritic spines via NCOA4-mediated ferritinophagy. J ETHNOPHARMACOL. 2023 Apr;:116360 IF ; Mouse . 37028613