
Mouse Anti-Human IgG H&L, HRP conjugated

Catalog Number: bs-0297M-HRP

Target Protein: Mouse Anti-Human 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: Human

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=11.4] Shan Junqi. et al. Palmitoyltransferase ZDHHC6 promotes colon tumorigenesis by targeting PPAR γ -driven lipid biosynthesis via regulating lipidome metabolic reprogramming. J EXP CLIN CANC RES. 2024 Dec;43(1):1-27 WB ; Human . 39148124

[IF=4.8] Shixiong Liu. et al. Isocitrate dehydrogenases 2-mediated dysfunctional metabolic reprogramming promotes intestinal cancer progression via regulating HIF-1A signaling pathway. INT IMMUNOPHARMACOL. 2024 Oct;140:112828 WB ; Mouse,Human . 39094359