
Rabbit Anti-Human IgG H&L, HRP conjugated

Catalog Number: bs-0297R-HRP

Target Protein: Rabbit Anti-Human IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Rabbit

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 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=6.208] Jiahui Guo. et al. Determination of the Predictive Roles and Potentially Pathogenic Antigen Epitopes of α -Enolase Related to the Development of Miscarriage in Females with Autoimmune Thyroiditis. INT J MOL SCI. 2023 Jan;24(2):1021 ELISA ; Human . 36674531

[IF=4.8] Xingmei Lin. et al. Hepatoprotective action mechanism and quantification of soyasaponin Bb in Abri Herba by HPLC and network pharmacology. J ETHNOPHARMACOL. 2025 Jan;337:118850 WB ; Human . 39322020

[IF=3.546] Wang,et al.Vasoactive intestinal peptide inhibits airway smooth muscle cell proliferation in a mouse model of asthma via the ERK1/2 signaling pathway.(2018) Experimental Cell Research. 364:168-174. WB ; Human . 29408536

[IF=3.1] Aiping Wang. et al. Development of a double-antibody sandwich enzyme-linked immunosorbent assay for rapid detection of VZV. J VIROL METHODS. 2024 Feb;324:114874 ELISA ; Hamster . 38154579