
Goat Anti-Human IgG H&L

Catalog Number: bs-0297G

Target Protein: Goat Anti-Human IgG H&L

Form: Lyophilized or Liquid

Host: Goat

Clonality: Polyclonal

Isotype: IgG

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=12.545] Peidong Hua. et al. Distributed optical fiber biosensor based on optical frequency domain reflectometry. BIOSENS BIOELECTRON. 2023 May;228:115184 Other ; . 36878065

[IF=9.518] He Q et al. Spectral-optical-tweezer-assisted fluorescence multiplexing system for QDs-encoded bead-array bioassay. Biosens Bioelectron. 2019 Mar 15;129:107-117. Other ; Human . 30685705

[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=8.11] Shaoquan Zheng. et al. Landscape of cancer-associated fibroblasts identifies the secreted biglycan as a protumor and immunosuppressive factor in triple-negative breast cancer. Oncoimmunology. 2022;11(1):2020984 WB ; Human . 35003899

[IF=8.4] Lili Zhao. et al. Target-induced photoelectrochemistry and colorimetric dual-mode platform for HlgG based on Ag₂S/SnO₂ composites and CoOOH nanoflakes. SENSOR ACTUAT B-CHEM. 2024 Jun;409:135638 Other ; . 10.1016/j.snb.2024.135638