

Goat Anti-Rabbit IgG H&L, Biotin conjugated

Catalog Number: bs-0295G-Bio

Target Protein: Goat Anti-Rabbit IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Goat

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:2000-20000), IHC-P (1:200-1000), IHC-F (1:200-1000), ELISA (1:2000-20000)

Reactivity: Rabbit

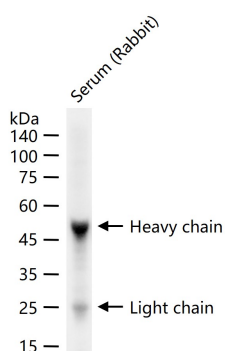
Purification: affinity purified by Protein G, nonspecific adsorbed

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.

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with Rabbit IgG H&L polyclonal antibody, unconjugated (bs-0295G) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

PRODUCT SPECIFIC PUBLICATIONS

[IF=7.6] Wang, Yang, et al. "Evaluation of three-dimensional scaffolds prepared from poly (3-hydroxybutyrate-co-3-hydroxyhexanoate) for growth of allogeneic chondrocytes for cartilage repair in rabbits." *Biomaterials* 29.19 (2008): 2858-2868. IHC ; Rabbit . 18406457

[IF=7.561] Min Yang. et al. The Role of Renal Macrophage, AIM, and TGF- β 1 Expression in Renal Fibrosis Progression in IgAN Patients. *Front Immunol.* 2021; 12: 646650 IF,IHC ; Human . 34194427

[IF=6.9] Mya Thandar. et al. Proteomics analysis revealed the therapeutic role of adipose-derived mesenchymal stem cells on radiation-induced colorectal fibrosis in rats. *BIOMED PHARMACOTHER.* 2025 Jan;182:117763 IHC ; Rat . 39693908

[IF=6.551] Nuanfei Zhu. et al. Dual amplified ratiometric fluorescence ELISA based on G-quadruplex/hemin DNAzyme using tetrahedral DNA nanostructure as scaffold for ultrasensitive detection of dibutyl phthalate in aquatic system. *Sci Total Environ.* 2021 Aug;784:147212 Other ; . 33905933

[IF=5.81] Wei W. et al. Apigenin, a Single Active Component of Herbal Extract, Alleviates Xerostomia *via* ER α -Mediated Upregulation of AQP5 Activation.. *Front Pharmacol.* 2022 Feb;13:818116-818116 IHC ; Mouse . 35264956