

Rabbit Anti-Goat IgG H&L / Biotin

Catalog Number: bs-0294R-Bio

Target Protein: Rabbit Anti-Goat IgG H&L / Biotin

Concentration: 2.0 mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Applications: WB (1:1000-10000), IHC-P (1:100-500), IHC-F (1:100-1000), IF (1:100-1000), ELISA (1:1000-10000)

Reactivity: Goat

Isotype: IgG

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=5.955] Duo Zeng. et al. FKBP11 improves the malignant property of osteosarcoma cells and acts as a prognostic factor of osteosarcoma. AGING-US. 2023 Apr 15; 15(7): 2450-2459 IHC ; Human . 37014329

[IF=5.882] Wangrui Lei. et al. Psoralidin protects against cerebral hypoxia/reoxygenation injury: Role of GAS6/Axl signaling. PHYTOTHER RES. 2022 May 18 WB ; Human,Mouse . 35583809

[IF=5.344] Ling-Kun Zhang. et al. Growth factors regional patterned and photoimmobilized scaffold applied to bone tissue regeneration. J Mater Chem B. 2020 Dec;8(48):10990-11000 IHC ; Rat . 33300520

[IF=5.13] Liu, Qun, et al. "6-Shogaol induces apoptosis in human leukemia cells through a process involving caspase-mediated cleavage of eIF2 α ." Molecular Cancer 12.1 (2013): 135. WB ; Goat . 24215632

[IF=3.891] Li Zhu. et al. Multiple RNA virus matrix proteins interact with SLD5 to manipulate host cell cycle. J Gen Virol. 2021 Dec;102(12):001697 IF ; Human . 34882534