
Mouse Anti-Goat IgG H&L, HRP conjugated

Catalog Number: bs-0294M-HRP

Target Protein: Mouse Anti-Goat IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Mouse

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:5000-10000), IHC-P (1:100-500), IHC-F (1:100-1000), ELISA (1:1000-10000)

Reactivity: Goat

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=3.612] Lulu Wang, et al. METTL3 is a key regulator of milk synthesis in mammary epithelial cells. 2021 Dec 11 WB ; Bovine ,Mouse . 34865263

[IF=3.77] Huirong Pan, et al. Goats with low levels of AAV antibody may serve as candidates for large animal gene therapy. EXP EYE RES. 2023 May;;109514 ELISA ; Monkey . 37207869

[IF=2.63] Xu Zhiwei, et al. Protective Effects of Interleukin-37 Expression against Acetaminophen-Induced Hepatotoxicity in Mice. EVID-BASED COMPL ALT. Evid-Based Compl Alt. 2022;2022:6468299 WB ; Mouse . 35419070

[IF=1.41] Zhou et al. Effect of kidney-reinforcing and marrow-beneficial Chinese medicine on bone metabolism-related factors following spinal cord injury in rats. (2016) Exp.Ther.Med. 12:485-491 WB ; Goat . 27347083