
Donkey Anti-Goat IgG H&L, FITC conjugated

Catalog Number: bs-0294D-FITC

Target Protein: Donkey Anti-Goat IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Donkey

Clonality: Polyclonal

Isotype: IgG

Applications: IF (1:200-1000), Flow-Cyt (1:50-200)

Excitation spectrum: 495nm

Emission spectrum: 519nm

Not yet tested in other applications.

Optimal working dilutions must be determined by the end user.

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=12.121] Yuan Wang, et al. Alpha-ketoglutarate ameliorates age-related osteoporosis via regulating histone methylations. Nat Commun. 2020 Nov;11(1):1-14 IF ; Mouse, Rat . 33154378

[IF=7.5] Yu-Hang Li, et al. Inhibition of calcium-sensing receptor by its antagonist promotes gastrointestinal motility in a Parkinson's disease mouse model. BIOMED PHARMACOTHER. 2024 May;174:116518 IF ; Mouse . 38565057

[IF=6.388] Liang Liang, et al. Oridonin relieves depressive-like behaviors by inhibiting neuroinflammation and autophagy impairment in rats subjected to chronic unpredictable mild stress. PHYTOTHER RES. 2022 Jun 09 IF ; Rat . 35686337

[IF=5.076] Huang Wei, et al. Short-Chain Fatty Acids Ameliorate Diabetic Nephropathy via GPR43-Mediated Inhibition of Oxidative Stress

and NF- κ B Signaling. *Oxid Med Cell Longev*. 2020;2020:4074832 IHC ; Mouse . 32831998

[IF=4.2] Ruixiao Guo. et al. The GABAergic pathway from anterior cingulate cortex to lateral hypothalamus area regulates irritable bowel syndrome in mice and its underlying mechanism. *J NEUROCHEM*. 2024 Jun;; IF ; Mouse . 38877776