
Goat Anti-Mouse IgG H&L, FITC conjugated

Catalog Number: bs-0296G-FITC

Target Protein: Goat Anti-Mouse IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Goat

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: Mouse

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.

PRODUCT SPECIFIC PUBLICATIONS

[IF=32.086] Yuxin Liu. et al. Ferromagnetic flexible electronics for brain-wide selective neural recording. ADV MATER. 2022 Nov;;2208251
IF ; Rat . 36451587

[IF=17.694] Guo, Yuxin. et al. In situ generation of micrometer-sized tumor cell-derived vesicles as autologous cancer vaccines for boosting systemic immune responses. NAT COMMUN. 2022 Nov;13(1):1-20 IF ; Mouse . 36319625

[IF=17.4] Zhesheng He. et al. The therapeutic effect of gold clusters in an EAE model of multiple sclerosis by regulating T cell differentiation. NANO TODAY. 2024 Feb;54:102128 IHC ; Mouse . 10.1016/j.nantod.2023.102128

[IF=15.153] Keman Cheng. et al. Site-Specific Modification of Virus-Like Particles for Exogenous Tumor Antigen Display and Minimizing

Preexisting Immunity. SMALL. 2023 Mar;;2300125 FCM ; Human . 36879481

[IF=15.304] Jinbo Li. et al. Autophagy inhibition recovers deficient ICD-based cancer immunotherapy. BIOMATERIALS. 2022
Aug;287:121651 IF ; Mouse . 35777331