
Goat Anti-Mouse IgG H&L, Cy3 conjugated

Catalog Number: bs-0296G-Cy3

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: 514nm,552nm

Emission spectrum: 570nm

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=13.6] Guoheng Zhong. et al. Activation of Piezo1 promotes osteogenic differentiation of aortic valve interstitial cell through YAP-dependent glutaminolysis. SCI ADV. 2023 Jun;9(22) IF,ICC ; Human,Mouse . 37267365

[IF=13.273] Dongmei Yu. et al. Interrod spacing dependent angiogenesis and osseointegration of Na₂TiO₃ nanorods-patterned arrays via immunoregulation. Chem Eng J. 2021 Jul;:131187 IF ; Rat . 10.1016/j.cej.2021.131187

[IF=11.4] Hanjie Yu. et al. Key β 1-4 galactosylated glycan receptors of SARS-CoV-2 and its inhibitor from the galactosylated glycoproteins of bovine milk. J ADV RES. 2024 Dec;: IF ; . 39667665

[IF=10.334] Zhao Cui. et al. Chip-DSF: A rapid screening strategy for drug protein targets. PHARMACOL RES. 2022 Aug;182:106346 IF ; .

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[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