www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

Goat Anti-Rat IgG H&L, FITC conjugated

Catalog Number:	bs-0293G-FITC
Target Protein:	Goat Anti-Rat 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:	Rat
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=13.3] Ziyang Huang. et al. Ligand Mediation for Tunable and Oxide Suppressed Surface Gold-Decorated Liquid Metal Nanoparticles. SMALL. 2023 Oct;:2306652 Other ; . 37806762

[IF=10.4] Li, Lian, et al. "Multistage Nanovehicle Delivery System Based on Stepwise Size Reduction and Charge Reversal for Programmed Nuclear Targeting of Systemically Administered Anticancer Drugs." Advanced Functional Materials(2015). Other ; Rat . 10.1002/adfm.201501248

[IF=8.56] Zhong, Jiaju, et al. "A Smart Polymeric Platform for Multistage Nucleus-Targeted Anticancer Drug Delivery." Biomaterials (2015). IHC ; Rat . 26142775

[IF=5.218] Zhou and Sun Edwardsiella tarda-Induced Inhibition of Apoptosis: A Strategy for Intracellular Survival. (2016) Front.Cell.Infect.Microbiol. 6:76 FCM,Other ; Rat . 27471679

[IF=3.73] Li, Mo-fei, et al. "Sil: A Streptococcus iniae Bacteriocin with Dual Role as an Antimicrobial and an Immunomodulator That Inhibits Innate Immune Response and Promotes S. iniae Infection." PLOS ONE 9.4 (2014): e96222. Other ; Rat . 24781647