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Rabbit Anti-Goat IgG H&L, FITC conjugated

Catalog Number:	bs-0294R-FITC
Target Protein:	Rabbit Anti-Goat IgG H&L
Concentration:	2.0 mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	IF (1:100-1000), Flow-Cyt (1:100-1000) 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 A
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=10] Yang Feng. et al. Development a novel drug delivery formulation targeting to esophageal squamous cell carcinoma. MATER TODAY ADV. 2023 Aug;19:100407 ICC ; Human . 10.1016/j.mtadv.2023.100407

[IF=7.5] Penglin Li. et al. Microbiota-derived 3-phenylpropionic acid promotes myotube hypertrophy by Foxo3/NAD+ signaling pathway. CELL BIOSCI. 2024; 14: 62 IF ; Mouse,Chicken . 38750565

[IF=2.716] Gao, Qian. et al. Selection and identification of a specific peptide binding to ovarian cancer cells from a phage-displayed peptide library. BIOTECHNOL LETT. 2022 Jun;:1-10 IF ; Human . 35771408

[IF=3.309] Cui YF et al. Platelet endothelial aggregation receptor-1 (PEAR1) is involved in C2C12 myoblast differentiation. Exp Cell Res.

2018 May 15;366(2):199-204. IF ; Goat . 29577896

[IF=3.404] Xiao L et al. Development of a novel drug targeting delivery system for cervical cancer therapy.(2019) Nanotechnology. 30(7):075604. ICC ; Goat . 30523991