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Mouse Anti-Goat IgG H&L, FITC conjugated

Catalog Number:	bs-0294M-FITC
Target Protein:	Mouse Anti-Goat IgG H&L
Concentration:	2.0 mg/ml
Form:	Liquid
Host:	Mouse
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 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=6.1] Liu, Yaowen, et al. "Promoting hepatocyte spheroid formation and functions by coculture with fibroblasts on micropatterned electrospun fibrous scaffolds."Journal of Materials Chemistry B (2014). Other ; Goat . 10.1039/c3tb21779e

[IF=5.37] Liu, Yaowen, et al. "Hepatocyte Cocultures with Endothelial Cells and Fibroblasts on Micropatterned Fibrous Mats to Promote Liver-specific Functions and Capillary Formation Capabilities." Biomacromolecules (2014). Other ; Goat . 24547870

[IF=5.38] Zhuang, Likun, et al. "MicroRNA-23b functions as an oncogene and activates AKT/GSK3β/β-catenin signaling by targeting ST7L in hepatocellular carcinoma." Cell Death & Disease 8.5 (2017): e2804. ICC ; Goat . 28518144

[IF=3.36] Liu, Yaowen, Ke Hu, and Yihao Wang. "Primary Hepatocytes Cultured on a Fiber-Embedded PDMS Chip to Study Drug

Metabolism." Polymers 9.6 (2017): 215. ICC ; Goat . 10.3390/polym9060215

[IF=0.23] Shao, Bo, et al. "Expression changes and significance of neurite outgrowth inhibitor A (Nogo-A), glial fibrillary acidic protein and insulin-like growth factor-1 in rat brain tissues after craniocerebral injury." Biomedical Research 28.1 (2017). IF ; Goat . ISSN 0970-938X