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

Mouse Anti-Rabbit IgG H&L, FITC conjugated

Catalog Number:	bs-0295M-FITC
Target Protein:	Mouse Anti-Rabbit 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:	Rabbit
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=8.897] Wu, Qingsi. et al. Targeted delivery of celastrol to glomerular endothelium and podocytes for chronic kidney disease treatment. Nano Res. 2021 Dec;:1-13 IF ; Mouse . 34925707

[IF=8.3] Ling Guo. et al. Glomerulus-Targeted ROS-Responsive Polymeric Nanoparticles for Effective Membranous Nephropathy Therapy. ACS APPL MATER INTER. 2024;XXXX(XXX):XXX-XXX IF ; Mouse . 38940537

[IF=6.208] Dezhang Lu. et al. The Mechanism of Lipopolysaccharide’s Effect on Secretion of Endometrial Mucins in Female Mice during Pregnancy. INT J MOL SCI. 2022 Jan;23(17):9972 IHC ; Mouse . 36077364

[IF=3.12] Dong, Feng, et al. "The isolation and characterization of a telomerase immortalized goat trophoblast cell line." Placenta (2013).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Other ; Rabbit . 24112823

[IF=1.69] Wang et al. Angiotensin 1-7 ameliorates caerulein-induced inflammation in pancreatic acinar cells by downregulating Toll-like receptor 4/nuclear factor-κB expression. (2018) Mol.Med.Rep. 17:3511-3518 ICC ; Rabbit . 29286117

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