




Goat Anti-rat IgG/FITC antibody

SL0293G-FITC

Product Name:	Goat Anti-rat IgG/FITC
Chinese Name:	FITC标记的羊抗大鼠IgG
Alias:	Immunoglobulin G
文献引用 	<p>Specific References(9) SL0293G-FITC has been referenced in 9 publications.</p> <p>[IF=4.07]Sun, Yun, et al. "Edwardsiella tarda Eta1, an In Vivo-Induced Antigen That Is Involved in Host Infection." Infection and Immunity 80.8 (2012): 2948-2955</p> <p>[IF=3.24]Cheng, Shun-feng, et al. "A single immunoglobulin-domain IgSF protein from <i>Sciaenops ocellatus</i> regulates pathogen-induced immune response in a negative manner." Developmental & Comparative Immunology 38.1 (2012): 117-127. PubMed:22564857</p> <p>[IF=2.96]Qiu, Reng, et al. "Identification and characterization of a cell surface scavenger receptor cysteine-rich protein of <i>Sciaenops ocellatus</i>: bacterial interaction and its dependence on the conserved structural features of the SRCR domain." Fish & shellfish immunology (2013). PubMed:23291106</p> <p>[IF=3.73]Li, Mo-fei, et al. "Sil: A <i>Streptococcus iniae</i> Bacteriocin with Dual Role as an Antimicrobial and an Immunomodulator That Inhibits Innate Immune Response and Promotes <i>S. iniae</i> Infection." PLOS ONE 9.4 (2014): e96222. PubMed:24781647</p> <p>[IF=1.88]Zhang, J., Zhang, M., Sun, L., "Junctional adhesion molecule A of red drum (<i>Sciaenops ocellatus</i>): a possible immunomodulator and a target for bacterial immune evasion." Veterinary Immunology and Immunopathology (2014)</p>

	<p style="text-align: center;">PubMed:25108665</p> <p>[IF=3.03]Zhang, Jian, and Mo-fei Li. "ORF75 of megalocytivirus RBIV-C1: a global transcription regulator and an effective vaccine candidate." Fish & Shellfish Immunology (2015).</p> <p style="text-align: center;">PubMed:25982404</p> <p>[IF=8.56]Zhong, Jiaju, et al. "A Smart Polymeric Platform for Multistage Nucleus-Targeted Anticancer Drug Delivery." Biomaterials (2015).IHC-F;</p> <p style="text-align: center;">PubMed:26142775</p> <p>[IF=10.40]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;Mouse.</p> <p style="text-align: center;">PubMed:not posted yet</p> <p>[IF=2.82]Zhang, Bao-cun, and Li Sun. "Tongue sole (Cynoglossus semilaevis) prothymosin alpha: cytokine-like activities associated with the intact protein and the C-terminal region that lead to antiviral immunity via Myd88-dependent and-independent pathways respectively." Developmental & Comparative Immunology (2015).</p> <p style="text-align: center;">PubMed:26162512</p>
Organism Species:	Goat
Clonality:	Polyclonal
React Species:	rat
Applications:	Flow-Cyt=1:100-1000IF=1:100-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	150kDa
Form:	Lyophilized or Liquid
Concentration:	2mg/1ml
immunogen:	Full length plasma protein:
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Storage: Store at -20 oC for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20oC. When reconstituted in sterile distilled water or diluent supplied, theantibody is stable for at least two weeks at 2-4 °C.
Product Detail:	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.

Important Note:

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

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