

## Goat Anti-Rat IgG H&L / FITC antibody

SL0293G-FITC

**Product Name** Goat Anti-Rat IgG H&L / FITC  
**Chinese Name** FITC 标记的羊抗大鼠 IgG H&L  
**Alias** Goat Anti-Rat IgG H&L (FITC); Immunoglobulin G;

**Specific References (15)** | SL0293G-FITC has been referenced in 15 publications.

**[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.**

PubMed: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-F ; Rat.**

PubMed: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 **FC/FACS ; Rat.**

PubMed:27471679

**[IF=4.074]** Feng Tang, et al. Impact of beta-2 microglobulin expression on the survival of glioma patients via modulating the tumor immune microenvironment. 2021 May 07 **IF ; Human.**

PubMed:33960680

**[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 **Rat.**

PubMed:22585967

**[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. **Rat.**

PubMed:24781647

**[IF=3.553]** Zhang Y et al. Angiotensin II deteriorates advanced atherosclerosis by promoting MerTK cleavage and impairing efferocytosis through AT1R/ROS/p38MAPK/ADAM17 pathway. Am J Physiol Cell Physiol. 2019 Aug 7. **IHF ; Rat.**

PubMed:31390228

**[IF=3.24]** Cheng, Shun-feng, et al. "A single immunoglobulin-domain IgSF protein from *Sciaenops ocellatus* regulates pathogen-induced immune response in a negative manner." Developmental & Comparative Immunology 38.1 (2012): 117-127. **Rat.**

PubMed:22564857

**[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). **Rat.**

PubMed:25982404

**[IF=2.96]** Qiu, Reng, et al. "Identification and characterization of a cell surface scavenger receptor cysteine-rich protein of *Sciaenops ocellatus*: bacterial interaction and its dependence on the conserved structural features of the SRCR domain." Fish & shellfish immunology (2013). **Rat.**

PubMed:23291106

**[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). **Rat.**

PubMed:26162512

**[IF=2.766]** Zhang et al. P247 and p523: two in vivo-expressed megalocytivirus proteins that induce protective immunity and are essential to viral infection. (2015) PLoS.One. 10:e0121282 **IF ; Rat.**

PubMed:25815484

**[IF=2.705]** Wang B et al. Laminin-dependent integrin  $\beta 1$  signaling regulates milk protein synthesis via prolactin/STAT5 pathway in bovine mammary epithelial cells. Biochem Biophys Res Commun. 2020 Jan 24. **IF ; Rat.**

PubMed:31987497

**[IF=2.477]** Wang Y et al. Tissue Targeting and Ultrasound-Targeted Microbubble Destruction Delivery of Plasmid DNA and Transfection In Vitro. Cellular and Molecular Bioengineering.2019Sep. **ICF ; Rat.**

PubMed:doi:10.1007/s12195-019-00597-w

**[IF=1.88]** Zhang, J., Zhang, M., Sun, L., "Junctional adhesion molecule A of red drum (*Sciaenops ocellatus*): a possible immunomodulator and a target for bacterial immune evasion." Veterinary Immunology and Immunopathology (2014) **Rat.**

PubMed:25108665

<b>Immunogen Species</b>	Goat
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Rat,
<b>Applications</b>	IF=1:200-1000,Flow-Cyt=1:50-200,ICC/IF=1:100-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Form</b>	Liquid
<b>Concentration</b>	2.0 mg/ml
<b>immunogen</b>	Native Rat IgG
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein G
<b>Buffer Solution</b>	10 mM TBS (pH=7.4) with 1% BSA, 3% Proclin300 and 50% glycerol.



**Storage**

Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Attention**

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

**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 10<sup>11</sup> variants.