

## Goat Anti-Rabbit IgG H&L / RBITC antibody

SL0295G-RBITC

**Product Name** Goat Anti-Rabbit IgG H&L / RBITC  
**Chinese Name** 罗丹明标记的羊抗兔 IgG H&L  
**Alias** Goat Anti-Rabbit IgG H&L (RBITC); Immunoglobulin G;

**Specific References (21)** | SL0295G-RBITC has been referenced in 21 publications.

**[IF=15.153]** Songlin Gong. et al. Tumor Microenvironment-Activated Hydrogel Platform with Programmed Release Property Evokes a Cascade-Amplified Immune Response against Tumor Growth, Metastasis and Recurrence. *SMALL*. 2022 Nov;:2107061 **IF ; Mouse**.

PubMed:36323618

**[IF=8.59]** Hu et al. MARCH5 RNA promotes autophagy, migration, and invasion of ovarian cancer cells. (2017) *Autophagy*. 13:333-344 **IF(IHC-P) ; Rabbit**.

PubMed:27875077

**[IF=7.793]** WB,IF ; mouse.

PubMed:32143149

**[IF=7.793]** Wang JN et al. Smad3 promotes AKI sensitivity in diabetic mice via interaction with p53 and induction of NOX4-dependent ROS production. *Redox Biol*. 2020 Feb 26;32:101479. **IF ; human**.

PubMed:32143149

**[IF=7.419]** Honghua Yue. et al. Colchicine: Emerging therapeutic effects on atrial fibrillation by alleviating myocardial fibrosis in a rat model. *BIOMED PHARMACOTHER*. 2022 Oct;154:113573 **IF ; Rat**.

PubMed:35987161



**[IF=5.893]** WB, IHC ; mouse, human.

PubMed:33157234

**[IF=5.714]** Chuan-hui Xu. et al. RIPK3 inhibitor-AZD5423 alleviates acute kidney injury by inhibiting necroptosis and inflammation. INT IMMUNOPHARMACOL. 2022 Nov;112:109262 **IF ; Human.**

PubMed:36166972

**[IF=5.714]** Xue Wu. et al. CD73 aggravates alcohol-related liver fibrosis by promoting autophagy mediated activation of hepatic stellate cells through AMPK/AKT/mTOR signaling pathway. INT IMMUNOPHARMACOL. 2022 Dec;113:109229 **IF ; Rat.**

PubMed:36330907

**[IF=5.595]** Jiang L et al. hsa-miR-500a-3P alleviates kidney injury by targeting MLKL-mediated necroptosis in renal epithelial cells.(2019) FASEB J. 33(3) **IF ; Rabbit.**

PubMed:30365367

**[IF=5.5]** Yang Y et al. 5-Aminolevulinic Acid-Mediated Sonodynamic Therapy Alleviates Atherosclerosis via Enhancing Efferocytosis and Facilitating a Shift in the Th1/Th2 Balance Toward Th2 Polarization. Cellular Physiology and Biochemistry, 47(1), 83–96. **IF ; Rabbit.**

PubMed:29763901

**[IF=5.241]** Hou, Bin. et al. LHPP suppresses colorectal cancer cell migration and invasion in vitro and in vivo by inhibiting Smad3 phosphorylation in the TGF- $\beta$  pathway. Cell Death Discov. 2021 Oct;7(1):1-14 **IF ; Human.**

PubMed:34608127

**[IF=5.223]** Liu X et al. Carnosine alleviates diabetic nephropathy by targeting GNMT, a key enzyme mediating renal inflammation and fibrosisClin Sci (Lond).2020 Dec 11;134(23):3175-3193. **IF ;**

PubMed:33241846

**[IF=4.96]** Xue-Qi Liuet al. Rutaecarpine Derivative Cpd-6c Alleviates Acute Kidney Injury by Targeting PDE4B, a Key Enzyme Mediating inflammation

in Cisplatin Nephropathy. *Biochem Pharmacol* . 2020 Oct;180:114132. **IF** ;

PubMed:32622666

**[IF=4.932]** Xue-qi Liu. et al. A novel small molecule Hsp90 inhibitor, C-316-1, attenuates acute kidney injury by suppressing RIPK1-mediated inflammation and necroptosis. *INT IMMUNOPHARMACOL*. 2022 Jul;108:108849 **WB ; Human**.

PubMed:35588657

**[IF=4.268]** Qin Yang. et al. Gypenoside XLIX protects against acute kidney injury by suppressing IGFBP7/IGF1R-mediated programmed cell death and inflammation. *Phytomedicine*. 2021 Mar;:153541 **IF ; Human**.

PubMed:33773190

**[IF=3.905]** Xiong Xiao. et al. Construction of extracellular matrix-based 3D hydrogel and its effects on cardiomyocytes. *Exp Cell Res*. 2021 Nov;408:112843 **ICC ; Mouse**.

PubMed:10.1016/j.yexcr.2021.112843

**[IF=3.405]** Wu Y et al. MFAP5 promotes basal-like breast cancer progression by activating the EMT program. *Cell Biosci*. 2019 Mar 7;9:24. **ICF ; Rabbit**.

PubMed:30899449

**[IF=3.392]** Li X et al. Composite PLA/PEG/nHA/Dexamethasone Scaffold Prepared by 3D Printing for Bone Regeneration. *Macromol Biosci*. 2018 Jun;18(6):e1800068. **ICF ; Rabbit**.

PubMed:29687630

**[IF=3.041]** Hou B et al. Tumor suppressor LHPP regulates the proliferation of colorectal cancer cells via the PI3K/AKT pathway. *Oncol Rep*. 2020 Feb;43(2):536-548. **ICF ; Rabbit**.

PubMed:31894339

**[IF=2.234]** Liu et al. Electroacupuncture effects on cortical neurons, as well as Janus kinase 2-signal transducer and activator of transcription 3 signal transduction pathway, in a rat model of cerebral ischemia. (2012) *Neural.Regen.Res*. 7:457-62 **IF ; Rabbit**.

PubMed:25774189

[IF=1.792] Huo YT et al. Methacholine induces extracellular matrix production by human airway smooth muscle cells through -catenin signaling. *Respiratory Physiology & Neurobiology*, 254, 55–63. IF ; Rabbit.

PubMed:10.1016/j.resp.2018.04.010

<b>Immunogen Species</b>	Goat
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Rabbit,
<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 rabbit IgG
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein G, nonspecific adsorbed
<b>Buffer Solution</b>	10 mM TBS (pH=7.4) with 1% BSA, 3% Proclin300 and 50% glycerol.
<b>Storage</b>	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Product Detail</b>	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.