

## Goat Anti-Mouse IgG H&L / Cy3 antibody

SL0296G-Cy3

**Product Name** Goat Anti-Mouse IgG H&L / Cy3  
**Chinese Name** Cy3 标记的羊抗小鼠 IgG H&L  
**Alias** Goat Anti-Mouse IgG H&L (Cy3); Immunoglobulin G;

**Specific References (36)** | SL0296G-Cy3 has been referenced in 36 publications.

**[IF=13.273]** Dongmei Yu. et al. Interrod spacing dependent angiogenesis and osseointegration of Na<sub>2</sub>TiO<sub>3</sub> nanorods-patterned arrays via immunoregulation. Chem Eng J. 2021 Jul;:131187 **IF ; Rat.**

PubMed:10.1016/j.cej.2021.131187

**[IF=10.334]** Zhao Cui. et al. Chip-DSF: A rapid screening strategy for drug protein targets. PHARMACOL RES. 2022 Aug;182:106346 **IF ;**

PubMed:35809766

**[IF=7.82]** Nie, Chenyao, et al. "Multifunctional Assembly of Micrometer-Sized Colloids for Cell Sorting." Small (2015). **other ; Mouse.**

PubMed:25613156

**[IF=6.044]** Zhang WN et al. Structural characterization and in vitro hypoglycemic activity of a glucan from Euryale ferox Salisb. seeds. Carbohydr Polym. 2019 Apr 1;209:363-371. **ICF ; Mouse.**

PubMed:30732819

**[IF=5.923]** Mingfa Ling. et al. VEGFB Promotes Myoblasts Proliferation and Differentiation through VEGFR1-PI3K/Akt Signaling Pathway. Int J Mol Sci. 2021 Jan;22(24):13352 **IF ; Mouse.**

PubMed:34948148

**[IF=5.702]** An-Di Chen. et al. Rotenone aggravates PD-like pathology in



A53T mutant human  $\alpha$ -synuclein transgenic mice in an age-dependent manner. FRONT AGING NEUROSCI. 2022; 14: 842380 **IF** ; **Mouse**.

PubMed:36004003

**[IF=5.7]** Wu X et al. NDP-MSH binding melanocortin-1 receptor ameliorates neuroinflammation and BBB disruption through CREB/Nr4a1/NF- $\kappa$ B pathway after intracerebral hemorrhage in mice. J Neuroinflammation. 2019 Oct 28;16(1):192. **IHF-F** ; **Mouse**.

PubMed:31660977

**[IF=5.682]** Niu Delei. et al. Human Cytomegalovirus IE2 Disrupts Neural Progenitor Development and Induces Microcephaly in Transgenic Mouse. MOL NEUROBIOL. 2023 Mar;:1-15 **IF** ; **Mouse**.

PubMed:36991278

**[IF=5.552]** Zhou L et al. Levo-corydalmine Attenuates Vincristine-Induced Neuropathic Pain in Mice by Upregulating the Nrf2/HO-1/CO Pathway to Inhibit Connexin 43 Expression. Neurotherapeutics. 2019 Oct 15. **IHF** ; **Mouse**.

PubMed:31617070

**[IF=5.428]** Xusheng Du. et al. RIOK3-mediated Akt phosphorylation facilitates synergistic replication of Marek's disease and reticuloendotheliosis viruses. VIRULENCE. 2022 Jul 06 **IF** ; **Chicken**.

PubMed:35795905

**[IF=5.201]** Cao Jun. et al. Propofol Exposure Disturbs the Differentiation of Rodent Neural Stem Cells via an miR-124-3p/Sp1/Cdkn1b Axis. Front Cell Dev Biol. 2020 Aug;8:838 **ICC** ; **Rat**.

PubMed:32984332

**[IF=5.076]** Cao Jun. et al. Supplemental N-3 Polyunsaturated Fatty Acids Limit A1-Specific Astrocyte Polarization via Attenuating Mitochondrial Dysfunction in Ischemic Stroke in Mice. Oxid Med Cell Longev. 2021;2021:5524705 **WB** ; **Mouse**.

PubMed:34211624

**[IF=4.996]** Li, Meng. et al. Dynamic expression of Mage-D1 in rat dental germs and potential role in mineralization of ectomesenchymal stem cells. SCI REP-UK. 2022 Dec;12(1):1-13 **IF ; Rat.**

PubMed:36585447

**[IF=4.831]** Lushuang Xie. et al. Inflammatory factors and amyloid  $\beta$ -induced microglial polarization promote inflammatory crosstalk with astrocytes.. Aging-Us. 2020 Nov 30; 12(22): 22538–22549 **IHC ; Rat.**

PubMed:33196457

**[IF=4.71]** Han, Ziyu, Yanyan Wang, and Xuexin Duan. "Biofunctional polyelectrolytes assembling on biosensors–A versatile surface coating method for protein detections." Analytica Chimica Acta (2017). **other ; Mouse.**

PubMed:28351633

**[IF=4.691]** Hai-Chao Chen. et al. Interaction of human IAPP and A $\beta$ 1-42 aggravated the AD-related pathology and impaired the cognition in mice. Exp Neurol. 2020 Dec;334:113490 **IF ; Mouse.**

PubMed:33007295

**[IF=4.522]** Liu YR et al. Long noncoding RNA MEG3 regulates rheumatoid arthritis by targeting NLRC5. J Cell Physiol. 2019 Aug;234(8):14270-14284. **ICF ; Mouse.**

PubMed:30644097

**[IF=4.249]** Zhou L et al. Levo-corydalmine alleviates vincristine-induced neuropathic pain in mice by inhibiting an NF-kappa B-dependent CXCL1/CXCR5 signaling pathway. Neuropharmacology. 2018 Jun;135:34-47. **IF ; Mouse.**

PubMed:29518397

**[IF=4.167]** Zhu L et al. Role of NDEL1 and VEGF/VEGFR-2 in Mouse Hippocampus After Status Epilepticus:. ASN Neuro. Jan-Dec 2020;12:1759091420926836. **IF ; Mouse.**

PubMed:32423231

**[IF=4.011]** Zhu Y et al. Extracellular vesicles derived from human

adipose-derived stem cells promote the exogenous angiogenesis of fat grafts via the let-7/AGO1/VEGF signalling pathway. *Sci Rep.* 2020 Mar 24;10(1):5313. **IF ; human.**

PubMed:32210269

**[IF=3.647]** Guizhi Jia et al. Nicotine induces cardiac toxicity through blocking mitophagic clearance in young adult rat. *Life Sci.* 2020 Sep 15;257:118084. **IF ; rat.**

PubMed:32663572

**[IF=3.647]** Jianfei Xu. et al. Paracrine HGF promotes EMT and mediates the effects of PSC on chemoresistance by activating c-Met/PI3K/Akt signaling in pancreatic cancer in vitro. *Life Sci.* 2020 Dec;263:118523 **IF ; Human.**

PubMed:33039386

**[IF=3.327]** Han Dong. et al. Remote Limb Ischemic Postconditioning Protects against Ischemic Stroke via Modulating Microglia/Macrophage Polarization in Mice. *J Immunol Res.* 2021;2021:6688053 **IF ; Mouse.**

PubMed:33688509

**[IF=3.322]** Xiangyun Sun. et al. Diethyldithiocarbamate inhibits the activation of hepatic stellate cells via PPAR $\alpha$ /FABP1 in mice with non-alcoholic steatohepatitis. *BIOCHEM BIOPH RES CO.* 2023 Jan;641:192 **IF ; Mouse.**

PubMed:36535078

**[IF=3.322]** Lifang Luo. et al. High glucose-induced endothelial STING activation inhibits diabetic wound healing through impairment of angiogenesis. *BIOCHEM BIOPH RES CO.* 2023 May;: **IF ; Mouse.**

PubMed:37245293

**[IF=3.297]** Dan Zhang. et al. Screening and identification of a CD44v6 specific peptide using improved phage display for gastric cancer targeting. *Ann Transl Med.* 2020 Nov; 8(21): 1442 **IF ; Human.**

PubMed:33313187

**[IF=3.293]** Xusheng Du. et al. Marek's disease virus serine/threonine kinase

Us3 facilitates viral replication by targeting IRF7 to block IFN- $\beta$  production.  
 Vet Microbiol. 2022 Mar;266:109364 **WB ; Human,Chicken.**

PubMed:35144044

**[IF=3.262]** Fan,et al.S-oxiracetam ameliorates ischemic stroke induced neuronal apoptosis through up-regulating  $\alpha 7$  nAChR and PI3K / Akt / GSK3 $\beta$  signal pathway in rats.(2018) Neurochemistry International. 115:50-60.  
**IF(IHC-F) ; Mouse.**

PubMed:29355569

**[IF=3.234]** Shao J et al. Glucocorticoid receptor inhibit the activity of NF- $\kappa$ B through p38 signaling pathway in spinal cord in the spared nerve injury rats.Life Sci. 2018 Sep 1;208:268-275. **IHF ; Mouse.**

PubMed:30025824

**[IF=3.226]** Watanabe,et al.Emerging Roles of Tumor Necrosis Factor-Stimulated Gene-6 in the Pathophysiology and Treatment of Atherosclerosis.(2018) International Journal of Molecular Sciences. 19:. **IHC ; Mouse.**

PubMed:29401724

<b>Immunogen Species</b>	Goat
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Mouse, IF=1:200-1000,Flow-Cyt=1:50-200,ICC/IF=1:100-1000
<b>Applications</b>	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 Mouse 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.



**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.