

Rabbit Anti-Mouse IgG H&L / HRP antibody

SL0296R-HRP

Product Name Rabbit Anti-Mouse IgG H&L / HRP

Chinese Name 辣根过氧化物酶标记的兔抗小鼠 IgG H&L

Alias Rabbit Anti-Mouse IgG H&L (HRP); Immunoglobulin G;

Specific References (23) | SL0296R-HRP has been referenced in 23 publications.

[IF=13.281] Yufei Liu. et al. Inflammation-Stimulated MSC-Derived Small Extracellular Vesicle miR-27b-3p Regulates Macrophages by Targeting CSF-1 to Promote Temporomandibular Joint Condylar Regeneration. 2022 Mar 11 **IHC** ;

Rabbit.

PubMed:10.1002/sml.202107354

[IF=12.336] Fuyan Wang. et al. Decellularized porcine cornea-derived hydrogels for the regeneration of epithelium and stroma in focal corneal defects. Ocul Surf. 2020 Oct;18:748 **IHC** ; **Mouse.**



PubMed:32841745

[IF=9.229] Shuang Li. et al. Surface-Functionalized Silica-Coated Calcium Phosphate Nanoparticles Efficiently Deliver DNA-Based HIV-1 Trimeric Envelope Vaccines against HIV-1. Acs Appl Mater Inter. 2021;XXXX(XXX):XXX-XXX **ELISA** ; **Mouse.**

PubMed:34735127

[IF=8.013] Dong Y et al. Regional and sustained dual-release of growth factors from biomimetic tri-layered scaffolds for the repair of large-scale osteochondral defects. Applied Materials Today 19 (2020) 100548. **IHC** ; **Mouse.**

PubMed:doi:10.1016/j.apmt.2019.100548

[IF=6.261] Hui Zhen. et al. The feedback loop between calcineurin,

calmodulin-dependent protein kinase II, and nuclear factor of activated T-cells regulates the number of GABAergic neurons during planarian head regeneration.. FRONT MOL NEUROSCI. 2022 Sep;15:988803-988803 **IHC ; Planarian.**

PubMed:36172263

[IF=5.548] Xiao-Yi Gao. et al. Development of Fc-specific multi-biotinylated antibodies via photoreactive tandem AviTag repeats for the ultrasensitive determination of ochratoxin A. Food Control. 2022 Feb;132:108525 **ELISA ; Rice.**

PubMed:10.1016/j.foodcont.2021.108525

[IF=5.227] Yongping Liu. et al. Elevated MicroRNA-326 Levels Regulate the IL-23/IL-23R/Th17 Cell Axis in Hashimoto's Thyroiditis by Targeting a Disintegrin and Metalloprotease 17. Thyroid. 2020 Sep;30(9):1327-1337 **WB ; Human.**

PubMed:32204685

[IF=4.967] Helei Li. et al. Matrix Regeneration Ability In Situ Induced by a Silk Fibroin Small-Caliber Artificial Blood Vessel In Vivo. POLYMERS-BASEL. 2022 Jan;14(18):3754 **IHC ; Rabbit.**

PubMed:36145899

[IF=4.961] Jiayi Pan. et al. A Novel Therapeutic Tumor Vaccine Targeting MUC1 in Combination with PD-L1 Elicits Specific Anti-Tumor Immunity in Mice. VACCINES-BASEL. 2022 Jul;10(7):1092 **ELISA ; Mouse.**

PubMed:35891256

[IF=4.087] Hong-He Xiao. et al. Icarisid II promotes proliferation and neuronal differentiation of neural stem cells via activating Wnt/ β -catenin signaling pathway. 2021 Jan 17 **WB ; Mouse.**

PubMed:33455039

[IF=3.575] Yunzhang Wu. et al. Deficiency of CARMA3 attenuates the development of bleomycin induced pulmonary fibrosis. Biochem Bioph Res Co. 2021 Dec;581:81 **WB ; Mouse.**

PubMed:34656852

[IF=3.571] Yu M et al. Taurine promotes milk synthesis via the

GPR87-PI3K-SETD1A signaling in BMECs. J Agric Food Chem. 2019 Feb 20;67(7):1927-1936. **WB ; Mouse.**

PubMed:30678459

[IF=3.457] Xia, P. et al. Mulberrin (Mul) reduces spinal cord injury (SCI)-induced apoptosis, inflammation and oxidative stress in rats via miRNA-337 by targeting Nrf-2. (2018) Biomedicine & Pharmacotherapy, 107, 1480–1487. **WB ; Mouse.**

PubMed:30257365

[IF=3.396] Song, Jiayue. et al. Bak interacts with AKT and is involved in TNF α /CHX-induced apoptosis. Mol Cell Biochem. 2022 Jan;:1-11 **Other ; Other.**

PubMed:35094193

[IF=3.329] Zhen H et al. The planarian Vinculin is required for the regeneration of GABAergic neurons in *Dugesia japonica*. Exp Cell Res. 2019 Jul 29:111540. **IHC ; Mouse.**

PubMed:31369753

[IF=2.276] Di Tu Qiu. et al. Curcumin Improves the Renal Autophagy in Rat Experimental Membranous Nephropathy via Regulating the PI3K/AKT/mTOR and Nrf2/HO-1 Signaling Pathways. Biomed Res Int. 2020;2020:7069052 **IHC ; Rat.**

PubMed:33204708

[IF=2.197] Zhang JT et al. CRISPR/Cas9 Knockout of Bak Mediates Bax Translocation to Mitochondria in response to TNF α /CHX-induced Apoptosis. BioMed Research International.2019, Article ID 9071297. **WB ; Mouse.**

PubMed:doi:10.1155/2019/9071297

[IF=2.157] Yan Liu. et al. Evaluation of a cystatin-like protein of *Trichinella spiralis* for serodiagnosis and identification of immunodominant epitopes using monoclonal antibodies. Vet Parasitol. 2020 May;:109127 **WB ; Rat.**

PubMed:32439275

[IF=2.1] Hui Yuan. et al. Activation of calcium-sensing receptor-mediated autophagy in high glucose-induced cardiac fibrosis in vitro. Mol Med Rep. 2020

Sep;22(3):2021-2031 **WB ; Rat.**

PubMed:32705187

[IF=1.9] Li, Wenliang, et al. "Development and partial validation of a recombinant E2-based indirect ELISA for detection of specific IgM antibody responses against classical swine fever virus." *Journal of Virological Methods* (2013). **WB ; Mouse.**

PubMed:23500647

[IF=1.616] Wang J et al. Vaccination with DNA encoding ES 43-kDa /45-kDa antigens significantly reduces *Trichinella spiralis* infection in mice. *Res Vet Sci.* 2018 Oct;120:4-10. **WB ; Mouse.**

PubMed:30153649

[IF=1.16] Yang, Wen-Tao, et al. "Immunogenicity of recombinant *Lactobacillus plantarum* NC8 expressing goose parvovirus VP2 gene in BALB/c mice." *Journal of Veterinary Science* (2017)18.2: 159-167. **Mouse.**

PubMed:27456769

[IF=0] CJ Feng et al. Intra-Arterial Injection of Human Adipose-Derived Stem Cells Improves Viability of the Random Component of Axial Skin Flaps in Nude Mice. *Journal of Plastic, Reconstructive & Aesthetic Surgery.* 2019 Oct 10. **IHC-P ; Mouse.**

PubMed:doi:10.1016/j.bjps.2019.101

Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse,
Applications	WB=1:2000-20000,IHC-P=1:100-500,IHC-F=1:100-1000,ELISA=1:1000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Form	Liquid
Concentration	2.0 mg/ml
immunogen	Native Mouse IgG
Lsotype	IgG
Purification	affinity purified by Protein A



**Buffer
Solution**

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 1011 variants.