

## Goat Anti-Human IgG H&L / HRP antibody

SL0297G-HRP

**Product Name** Goat Anti-Human IgG H&L / HRP

**Chinese Name** 辣根过氧化物酶标记的羊抗人 IgG H&L

**Alias** Goat Anti-Human IgG H&L (HRP); Immunoglobulin G;

**Specific References (17)** | SL0297G-HRP has been referenced in 17 publications.

**[IF=21.023]** Xiaofei Wang. et al. 35B5 antibody potently neutralizes SARS-CoV-2 Omicron by disrupting the N-glycan switch via a conserved Spike epitope. Cell Host Microbe. 2022 Mar; **ELISA ; Sars-Cov-2 Wt S Trimer Protein,Delta S Protein, Omicron S Protein.**

PubMed:35436443

**[IF=20.999]** Lin Yao. et al. Nasal Spray of Neutralizing Monoclonal Antibody 35B5 Confers Potential Prophylaxis Against Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Variants of Concern (VOCs): A Small-scale Clinical Trial. CLIN INFECT DIS. 2022 Jun; **ELISA ; Human.**

PubMed:35666466

**[IF=18.187]** Wang, Xiaofei. et al. A potent human monoclonal antibody with pan-neutralizing activities directly dislocates S trimer of SARS-CoV-2 through binding both up and down forms of RBD. SIGNAL TRANSDUCT TAR. Signal Transduct Tar. 2022 Apr;7(1):1-13 **ELISA ; Monkey.**

PubMed:35383141

**[IF=16.016]** Jia-min Yan. et al. Bunyavirus SFTSV exploits autophagic flux for viral assembly and egress. 2021 Nov 06 **WB,IF ; Human.**

PubMed:34747299

**[IF=6.393]** Kong LX et al. Lab-on-Tip: Protruding-shaped All-Fiber Plasmonic



Microtip Probe Toward In-situ Chem-Bio Detection. Sensors and Actuators B: Chemical,2019 Dec12, 301:127128. **Other ; Human.**

PubMed:doi:10.1016/j.snb.2019.127128

**[IF=6.208]** Yongqiang Sha. et al. Dehydrocorydaline Accelerates Cell Proliferation and Extracellular Matrix Synthesis of TNF $\alpha$ -Treated Human Chondrocytes by Targeting Cox2 through JAK1-STAT3 Signaling Pathway. INT J MOL SCI. 2022 Jan;23(13):7268 **WB ; Human.**

PubMed:35806272

**[IF=6.055]** Tianci Liu. et al. Differential expression of aerobic oxidative metabolism-related proteins in diabetic urinary exosomes.. FRONT ENDOCRINOL. 2022 Sep;13:992827-992827 **WB ; Human.**

PubMed:36187097

**[IF=4.932]** Zheng Yang. et al. The expression of anti-protein disulfide isomerase A3 autoantibody is associated with the increased risk of miscarriage in euthyroid women with thyroid autoimmunity. Int Immunopharmacol. 2022 Mar;104:108507 **ELISA ; Human.**

PubMed:34996009

**[IF=3.845]** Zhang Y et al. Low Level Antibodies Against Alpha-Tropomyosin Are Associated With Increased Risk of Coronary Heart Disease. Front Pharmacol. 2020 Feb 27;11:195. **ELISA ; human.**

PubMed:32174839

**[IF=3.357]** Liu L et al. Exosomal cyclophilin A as a novel noninvasive biomarker for Epstein-Barr virus associated nasopharyngeal carcinoma. Cancer Med. 2019 Jun;8(6):3142-3151. **ELISA ; Human.**

PubMed:31063269

**[IF=3.246]** Wang Lina. et al. PLK1 Is a Potential Prognostic Factor Associated with the Tumor Microenvironment in Lung Adenocarcinoma. BIOMED RES INT. 2022;2022:7848771 **WB ; Human.**

PubMed:35941968

**[IF=3.098]** Linlin Sheng. et al. Overexpression of Fc $\gamma$ RIIB regulates downstream

protein phosphorylation and suppresses B cell activation to ameliorate systemic lupus erythematosus. *Int J Mol Med.* 2020 Oct;46(4):1409-1422 **ELISA ; Human.**

PubMed:32945349

**[IF=2.45]** Dai, Xiaoyan, et al. "Influence of the physical and chemical properties of magnetic nanoparticles on their performance in a chemiluminescence immunoassay." *Clinical Biochemistry* (2013). **other ; Human.**

PubMed:24362267

**[IF=2.3]** Tian, Lifang, et al. "Autoimmune and inflammatory responses in Kashin–Beck disease compared with rheumatoid arthritis and osteoarthritis." *Human Immunology* 72.10 (2011) **ELISA ; Human.**

PubMed:21699943

**[IF=1.851]** Zhou Y et al. Identification of a novel anti-heat shock cognate 71 kDa protein antibody in patients with Kawasaki disease. *Molecular Medicine REPORTS* 21: 1771-1778, 2020. **WB ; Human.**

PubMed:DOI: 10.3892/mmr.2020.10973

**[IF=1.311]** Yanxia Zhou. et al. Design and functional preliminary investigation of recombinant antigen EgG1Y162–EgG1Y162 against *Echinococcus granulosus*. *OPEN LIFE SCI.* 2023 Jan;18(1): **WB ; Mouse.**

PubMed:36941829

**[IF=0.73]** Zhou, Peifu, et al. "CHARACTERIZATION OF A TUBERCULOSIS PATIENT'S SERA REACTIVE MYCOBACTERIUM TUBERCULOSIS TRANSCRIPTION FACTOR RV2175C." *Journal of Immunoassay and Immunochemistry* 35.2 (2014): 173-182. **ELISA ; Human.**

PubMed:24295180

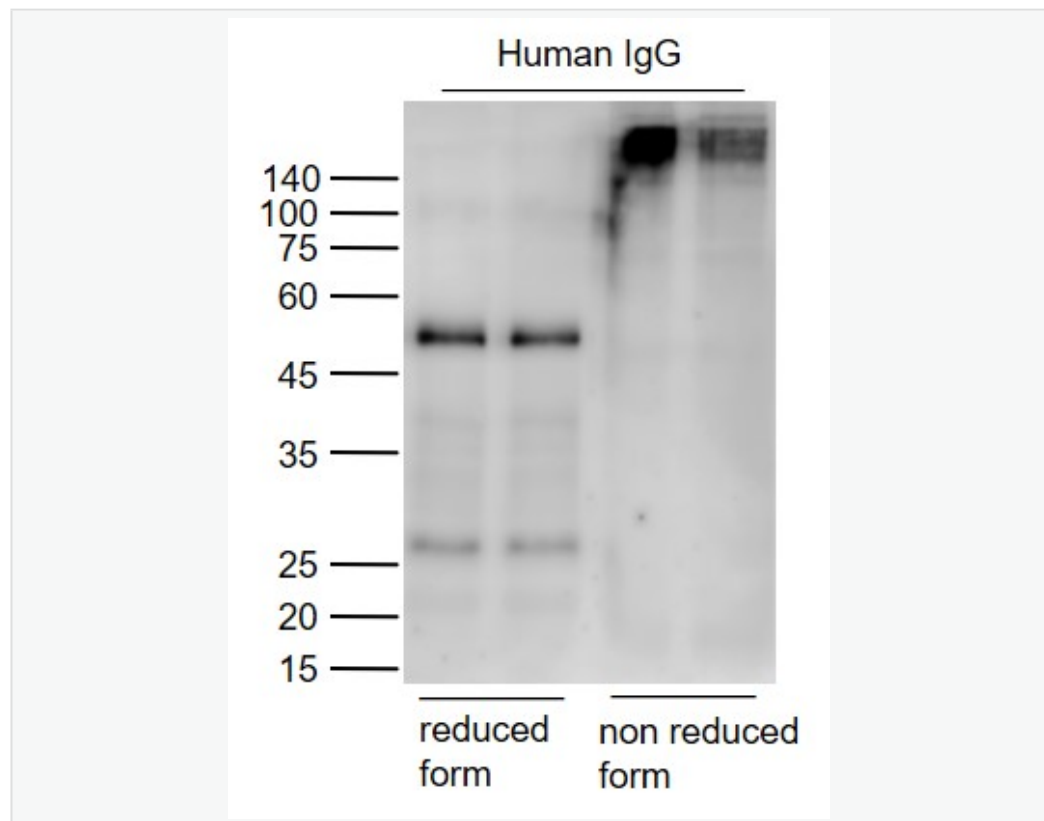
<b>Immunogen Species</b>	Goat
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human,
<b>Applications</b>	WB=1:2000-10000,IHC-P=1:100-500,IHC-F=1:100-1000,ELISA=1:1000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.

**Form** Liquid  
**Concentration** 2.0 mg/ml  
**immunogen** Native Human IgG  
**Lsotype** IgG  
**Purification** affinity purified by Protein G, nonspecific adsorbed  
**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 10<sup>11</sup> variants.br>

**Product Picture**



Sample:

Lane 1,2: Human IgG (reduced form)

Lane 3,4: Human IgG (non reduced form)

Primary: Goat Anti-Human IgG H&L(HRP) (SL0297G-HRP) at 1/2000

dilution

Predicted band size: 50,25,150 kD

Observed band size: 50,25,150 kD