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

SL0296G-FITC

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

**Specific References (126)** | SL0296G-FITC has been referenced in 126 publications.

**[IF=32.086]** Yuxin Liu. et al. Ferromagnetic flexible electronics for brain-wide selective neural recording. ADV MATER. 2022 Nov;:2208251 **IF ; Rat**.
PubMed:36451587

**[IF=17.694]** Guo, Yuxin. et al. In situ generation of micrometer-sized tumor cell-derived vesicles as autologous cancer vaccines for boosting systemic immune responses. NAT COMMUN. 2022 Nov;13(1):1-20 **IF ; Mouse**.
PubMed:36319625

**[IF=15.304]** Jinbo Li. et al. Autophagy inhibition recovers deficient ICD-based cancer immunotherapy. BIOMATERIALS. 2022 Aug;287:121651 **IF ; Mouse**.
PubMed:35777331

**[IF=15.153]** Keman Cheng. et al. Site-Specific Modification of Virus-Like Particles for Exogenous Tumor Antigen Display and Minimizing Preexisting Immunity. SMALL. 2023 Mar;:2300125 **FCM ; Human**.
PubMed:36879481

**[IF=13.273]** Dongmei Yu. et al. Interrod spacing dependent angiogenesis and osseointegration of Na2TiO3 nanorods-patterned arrays via immunoregulation. Chem Eng J. 2021 Jul;:131187 **IF ; Rat**.
PubMed:10.1016/j.cej.2021.131187

**[IF=11.684]** Liwen Yuan. et al. Plasma extracellular vesicle phenotyping for the differentiation of early-stage lung cancer and benign lung diseases. NANOSCALE

HORIZ. 2023 Mar;: **FCM ; Human**.

PubMed:36974989

**[IF=11.459]** Liang Huang. et al. Compact Magneto-Fluorescent Colloids by Hierarchical Assembly of Dual-Components in Radial Channels for Sensitive Point-of-Care Immunoassay. 2021 May 25 **IF ; Human**.

PubMed:34032374

**[IF=11.413]** Mengqi Xu. et al. Osteopontin targeted theranostic nanoprobes for laser-induced synergistic regression of vulnerable atherosclerotic plaques. Acta Pharm Sin B. 2021 Dec;: **IF ; Mouse**.

PubMed:10.1016/j.apsb.2021.12.020

**[IF=10.383]** Ziyang Huang. et al. Surface Modification of Liquid Metal with p-Aniline Derivatives toward Bioapplications: Biosensing as an Example. ACS APPL MATER INTER. 2022;XXXX(XXX):XXX-XXX

PubMed:36520994

**[IF=10.317]** Yu D et al. MOF-encapsulated nanozyme enhanced siRNA combo: Control neural stem cell differentiation and ameliorate cognitive impairments in Alzheimer's disease model. Biomaterials . 2020 Oct;255:120160. **IHF ; Mouse**.

PubMed:32540758

**[IF=9.11]** Xia, Dan, et al. "MARCH2 regulates autophagy by promoting CFTR ubiquitination and degradation, and PIK3CA-AKT-MTOR signaling."Autophagy (2016). **IF(ICC) ; Mouse**.

PubMed:27308891

**[IF=8.59]** Wang et al. PHF23 (plant homeodomain finger protein 23) negatively regulates cell autophagy by promoting ubiquitination and degradation of E3 ligase LRSAM1. (2014) Autophag. 10:2158-70 **IF ; Mouse**.

PubMed:25484098

**[IF=8.59]** Li et al. A novel ER-localized transmembrane protein, EMC6, interacts with RAB5A and regulates cell autophagy. (2013) Autophag. 9:150-63 **IF ; Mouse**.

PubMed:23182941

**[IF=7.963]** Jun Yan. et al. Intestinal toxicity of micro- and nano-particles of foodborne

titanium dioxide in juvenile mice: Disorders of gut microbiota–host co-metabolites and intestinal barrier damage. Sci Total Environ. 2022 May;821:153279 **IF ; Mouse**.

PubMed:35074372

**[IF=7.7]** Li, Lian, et al. "Time-staggered delivery of docetaxel and H1-S6A, F8A peptide for sequential dual-strike chemotherapy through tumor priming and nuclear targeting." Journal of Controlled Release (2016). **Mouse**.

PubMed:27098443

**[IF=7.333]** Li B et al. Homogenous Magneto-Fluorescent Nanosensor for Tumor-Derived Exosome Isolation and Analysis. ACS Sens. 2020 Jul 24;5(7):2052-2060. **ICF ; Mouse**.

PubMed:32594744

**[IF=7.333]** Homogenous Magneto-Fluorescent Nanosensor for Tumor-Derived Exosomes Isolation and Analysiset al. Homogenous Magneto-Fluorescent Nanosensor for Tumor-Derived Exosomes Isolation and Analysis. ACS Sens . 2020 Jul 24;5(7):2052-2060. **FCM ; Human**.

PubMed:32594744

**[IF=7.129]** Xinyu Liu. et al. Zearalenone induces oxidative stress and autophagy in goat Sertoli cells. ECOTOX ENVIRON SAFE. 2023 Mar;252:114571 **IF ; Goat**.

PubMed:36708663

**[IF=7.129]** Shuaiqi Han. et al. Enhanced autophagy reversed aflatoxin B1-induced decrease in lactate secretion of dairy goat Sertoli cells. ECOTOX ENVIRON SAFE. 2023 Jul;259:115063 **ICC ; Sheep**.

PubMed:37229875

**[IF=7.046]** MinChao Zhao. et al. miR-145a-5p/Plexin-A2 promotes the migration of OECs and transplantation of miR-145a-5p engineered OECs promotes the functional recovery in rats with SCI. NEUROBIOL DIS. 2023 Apr;:106129 **IF ; Rat**.

PubMed:37068642

**[IF=6.388]** Liang Liang. et al. Oridonin relieves depressive-like behaviors by inhibiting neuroinflammation and autophagy impairment in rats subjected to chronic unpredictable mild stress. PHYTOTHER RES. 2022 Jun 09 **IF ; Rat**.

PubMed:35686337

**[IF=6.317]** Shuqing Zhu. et al. Diet containing stearic acid increased food intake in mice by reducing serum leptin compared with oleic acid. FOOD FUNCT. 2022 Dec;: **IF ; Mouse**.

PubMed:36545693

**[IF=6.208]** Songhao Tian. et al. Propolis Ethanolic Extract Attenuates D-gal-induced C2C12 Cell Injury by Modulating Nrf2/HO-1 and p38/p53 Signaling Pathways. INT J MOL SCI. 2023 Jan;24(7):6408 **WB ; Mouse**.

PubMed:37047379

**[IF=5.923]** Yonglin Hua. et al. Ablation of KDM2A Inhibits Preadipocyte Proliferation and Promotes Adipogenic Differentiation. Int J Mol Sci. 2021 Jan;22(18):9759 **IF ; Mouse**.

PubMed:34575926

**[IF=5.9]** Mao, Liang, et al. "Epothilone B impairs functional recovery after spinal cord injury by increasing secretion of macrophage colony-stimulating factor." Cell Death & Disease 8.11 (2017): e3162. Mao, Liang, et al. (2017) Cell Death Dis. 29095439 FCM rat Bioss, USA 5.965 "1 Department of Oncology, The First Affiliated Hospital of Jinzhou Medical University, Jinzhou 121000, People's Republic of China. 2 Key Laboratory of Medical Tissue Engineering of Liaoning Province, The First Affiliated H **FCM ; Mouse**.

PubMed:29095439

**[IF=5.81]** Wei W. et al. Apigenin, a Single Active Component of Herbal Extract, Alleviates Xerostomia *via* ERα-Mediated Upregulation of AQP5 Activation.. Front Pharmacol. 2022 Feb;13:818116-818116 **IF ; Human**.

PubMed:35264956

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

PubMed:31660977

**[IF=5.7]** Wang, Yu, Li-Juan Tang, and Jian-Hui Jiang. "SERS-Based, Homogeneous, Multiplexed Immunoassay with Antibody-Fragments Decorated Gold Nanoparticles." Analytical **Mouse**.

PubMed:23998432

**[IF=5.696]** Jiang-Tao Fan. et al. Exosomal lncRNA NEAT1 from cancer-associated fibroblasts facilitates endometrial cancer progression via miR-26a/b-5p-mediated STAT3/YKL-40 signaling pathway. Neoplasia. 2021 Jul;23:692 **IF ; Human**.

PubMed:34153644

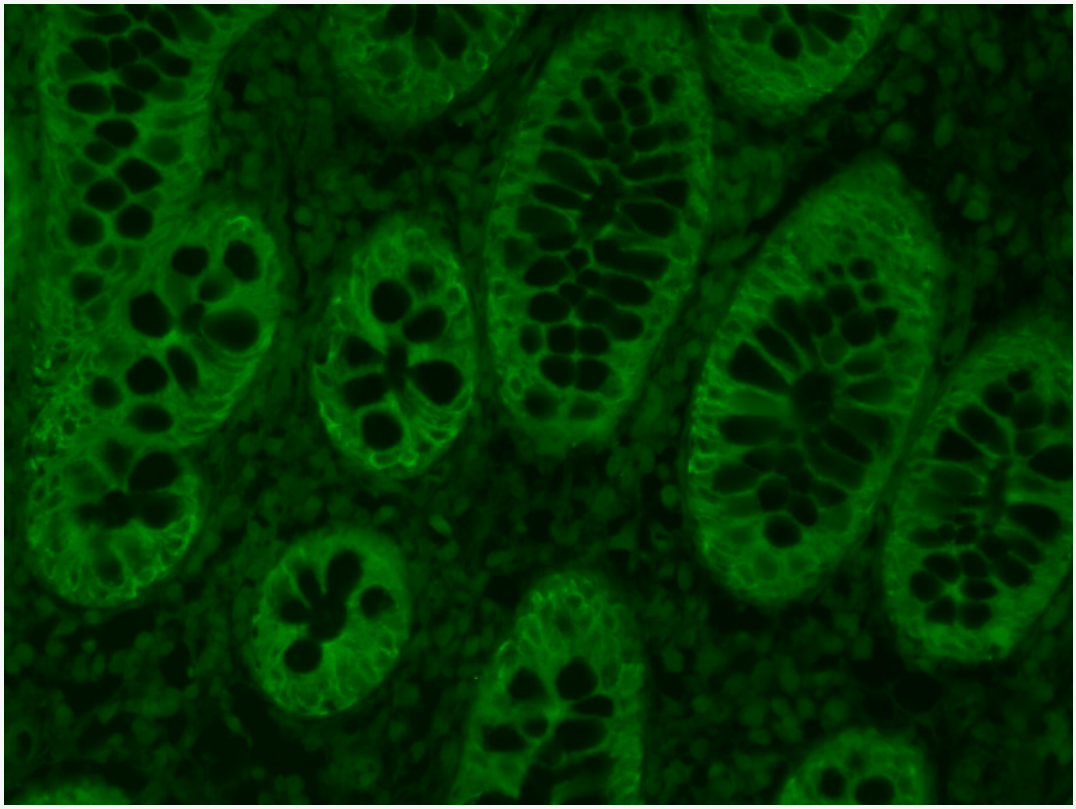
**[IF=5.552]** Zhou L et al. Levo-corydalmine Attenuates Vincristine-Induced Neuropathic Pain in Mice by Upregulating the Nrf2/HO-1/CO Pathway to Inhibit Connexin 43 Expression. Neurotherapeutics. 2019 Oct 15. **IHF ; Mouse**.

PubMed:31617070

| | |
|---|---|
| **Immunogen Species** | Goat |
| **Clonality** | Polyclonal |
| **React Species** | Mouse, |
| **Applications** | IF=1:200-1000,Flow-Cyt=1:50-200,ICC/IF=1:100-1000<br>not yet tested in other applications.<br>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 G, nonspecific adsorbed |
| **Buffer Solution** | 10 mM TBS (pH=7.4) with 1% BSA, 3% Proclin300 and 50% glycerol. |
| **Storage** | Store at -20℃ 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.

**Product Picture**



Paraformaldehyde-fixed, paraffin embedded (Human colon cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Cytokeratin 8) Monoclonal Antibody, Unconjugated (SLM-33061M) at 1:400 overnight at 4°C, followed by a conjugated Goat Anti-Mouse IgG antibody (SL0296G-FITC) for 90 minutes, and DAPI for nuclei staining.