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Cy3标记山羊抗大鼠IgG (H+L)

产品编号	产品名称	包装
A0507	Cy3标记山羊抗大鼠IgG (H+L)	100µl

产品简介:

- 本Cy3标记山羊抗大鼠IgG (H+L) (Cy3-labeled Goat Anti-Rat IgG (H+L))为进口分装, 用于免疫荧光染色。
- Cy3是近年新开发的一种红色荧光探针。它比绝大部分其它的红色荧光探针更加明亮, 更加不容易淬灭, 而且背景更低。Cy3的吸收(激发)和发射峰参见下表。

Fluorophore	Absorption Peak (nm)	Emission Peak (nm)
Cy3	550	570

- 本抗体为用纯化的大鼠IgG免疫山羊, 然后用亲和纯化柱对获得的抗血清进行纯化, 并经过人IgG吸附纯化的优质二抗。对人IgG几乎没有结合能力。
- 本Cy3标记山羊抗大鼠IgG (H+L)用于免疫荧光染色时的推荐稀释比例为1:500。实际实验操作过程中需根据抗原和抗体的具体情况适当调节荧光标记二抗的稀释比例, 推荐的调节范围为1:200-1000。
- 本抗体如果用于常规的免疫染色, 以每次检测需1毫升1:500稀释的荧光标记二抗计, 至少可以检测50次。如果适当重复使用已经使用过的荧光标记二抗, 至少可以多检测150-250次。

包装清单:

产品编号	产品名称	包装
A0507	Cy3标记山羊抗大鼠IgG (H+L)	100µl
—	说明书	1份

保存条件:

-20°C避光保存, 一年有效。

注意事项:

- 本产品仅限于专业人员的科学研究用, 不得用于临床诊断或治疗, 不得用于食品或药品, 不得存放于普通住宅内。
- 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

使用说明:

1. 免疫荧光染色请参考相关实验步骤进行。起始稀释浓度按照产品简介中推荐的稀释比例进行稀释。
2. 如果希望重复使用稀释的荧光标记二抗, 稀释的荧光标记二抗4°C保存。

使用本产品的文献:

1. Peng ZG, Fan B, Du NN, Wang YP, Gao LM, Li YH, Li YH, Liu F, You XF, Han YX, Zhao ZY, Cen S, Li JR, Song DQ, Jiang JD. . Small molecular compounds that inhibit hepatitis C virus replication through destabilizing heatshock cognate 70 messenger RNA. *Hepatology*. 2010 Sep;52(3):845-53.
2. Hongqin Zhu, Feng Ren, Tingting Wang, Zhilin Jiang, Qiao Sun, Zhen Li . Targeted Immunoinaging of Tumor-Associated Macrophages in Orthotopic Glioblastoma by the NIR-IIb Nanoprobes *Small*. 2022 Jul;18(30):e2202201.
3. Yang Zhang, Fan Huo, Qiang Cao, Ru Jia, Qiju Huang, Zhu A Wang, Dan Theodorescu, Qiang Lv, Pengchao Li, Chao Yan . FimH confers mannose-targeting ability to Bacillus Calmette-Guerin for improved immunotherapy in bladder cancer *J Immunother Cancer*. 2022 Mar;10(3):e003939.
4. Cao H, Zhang Z, Zhao S, He X, Yu H, Yin Q, Zhang Z, Gu W, Chen L, Li Y . Hydrophobic interaction mediating self-assembled nanoparticles of succinobucol suppress lung metastasis of breast cancer by inhibition of VCAM-1 expression. *J Control Release*. 2015 May 10;205:162-71.
5. Zhang J, Liu Y, Liu X, Li S, Cheng C, Chen S, Le W . Dynamic changes of CX3CL1/CX3CR1 axis during microglial activation and motor neuron loss in the spinal cord of ALS mouse model. *Transl Neurodegener*. 2018 Dec 21;7:35.
6. Xiaoliang Hua, Shengdong Ge, Meng Zhang, Fan Mo, Ligang Zhang, Jiong Zhang, Cheng Yang, Sheng Tai, Xianguo Chen, Li Zhang, Chaozhao Liang . Pathogenic Roles of CXCL10 in Experimental Autoimmune Prostatitis by Modulating Macrophage Chemotaxis and Cytokine Secretion *Front Immunol*. 2021 Sep 29;12:706027.
7. Hao Xu, Shuting Zhang, Adwait Amod Sathe, Zhichun Jin, Jiani Guan, Wen Sun, Chao Xing, Hanwen Zhang, Bin Yan . CCR2+ Macrophages Promote Orthodontic Tooth Movement and Alveolar Bone Remodeling *Front Immunol*. 2022 Feb 4;13:835986.
8. Yan-Yang Li, Xiao-Jing Wang, Yu-Lin Su, Qing Wang, Shao-Wei Huang, Zeng-Feng Pan, Yan-Ping Chen, Jun-Jie Liang, Mei-Ling Zhang, Xue-Qian Xie, Zhi-Yun Wu, Jin-Yan Chen, Lian Zhou, Xia Luo . Baicalein ameliorates ulcerative colitis by improving intestinal epithelial barrier via AhR/IL-22 pathway

- in ILC3s *Acta Pharmacol Sin.* 2022 Jun;43(6):1495-1507.
9. Liao H, Huang W, Schachner M, Guan Y, Guo J, Yan J, Qin J, Bai X, Zhang L. . Beta 1 integrin-mediated effects of tenascin-R domains EGFL and FN6-8 on neural stem/progenitor cell proliferation and differentiation in vitro. *J Biol Chem.* 2008 Oct 10;283(41):27927-36.
 10. Shi X, Liu M, Li D, Wang J, Aneja R, Zhou J. . Cep70 contributes to angiogenesis by modulating microtubule rearrangement and stimulating cell polarization and migration. *Cell Cycle.* 2012 Apr 15;11(8):1554-63.
 11. Wang Y, Wang K, Chao R, Li J, Zhou L, Ma J, Yan J. . Neuroprotective effect of vaccination with autoantigen-pulsed dendritic cells after spinal cord injury. *J Surg Res.* 2012 Jul;176(1):281-92.
 12. Gan W, Zhang Z, Lv G, Xu H, Zeng S, Li Y, Wu W, Hu X. . The topological structure and function of *Echinococcus granulosus* lactate dehydrogenase, a tegumental transmembrane protein. *Mol Biochem Parasitol.* 2012 Aug;184(2):109-17.
 13. Zhang SL, Zheng DJ, Fan WZ, Wei DX, Peng SW, Tang MM, Chen GQ, Wei CJ. . Transient embolization with microspheres of polyhydroxyalkanoate renders efficient adenoviral transduction of pancreatic capillary in vivo. *J Gene Med.* 2012 Aug;14(8):530-9.
 14. Wang K, Chao R, Guo QN, Liu MY, Liang HP, Liu P, Zhao JH. . Expressions of some neurotrophins and neurotrophic cytokines at site of spinal cord injury in mice after vaccination with dendritic cells pulsed with homogenate proteins. *Neuroimmunomodulation.* 2013;20(2):87-98.
 15. Jin Y, Sun C, Feng L, Li P, Xiao L, Ren Y, Wang D, Li C, Chen L. . Regulation of SIV antigen-specific CD4+ T cellular immunity via autophagosome-mediated MHC II molecule-targeting antigen presentation in mice. *PLoS One.* 2014 Mar 26;9(3):e93143.
 16. Xu L, Li B, Huang M, Xie K, Li D, Li Y, Gu H, Fang J. . Critical Role of Kupffer Cell CD89 Expression in Experimental IgA Nephropathy. *PLoS One.* 2016 Jul 20;11(7):e0159426.
 17. Li B, Gadahi JA, Gao W, Zhang Z, Ehsan M, Xu L, Song X, Li X, Yan R. . Characterization of a novel aspartyl protease inhibitor from *Haemonchus contortus*. *PARASITE VECTOR.* 2017 Apr 19;10(1):191.
 18. Huang L, Chen M, Zhang W, Sun X, Liu B, Ge J. . Retinoid acid and taurine promote NeuroD1-induced differentiation of induced pluripotent stem cells into retinal ganglion cells. *Mol Cell Biochem.* 2018 Jan;438(1-2):67-76.
 19. Shi Y, Peng XH, Li X, Luo GP, Wu MF. . Neuroprotective role of dexmedetomidine pretreatment in cerebral ischemia injury via ADRA2A-mediated phosphorylation of ERK1/2 in adult rats. *Exp Ther Med.* 2018 Dec;16(6):5201-5209.
 20. Wang X, Wang G, Zhang X, Dou Y, Dong Y, Liu D, Xiao J, Zhao Z. . Inhibition of microRNA-182-5p contributes to attenuation of lupus nephritis via Foxo1 signaling. *Exp Cell Res.* 2018 Dec 15;373(1-2):91-98.
 21. Chen G, Yu C, Tang Z, Liu S, An F, Zhu J, Wu Q, Cao J, Zhan Q, Zhang S. . Metformin suppresses gastric cancer progression through calmodulin-like protein 3 secreted from tumor-associated fibroblasts. *Oncol Rep.* 2019 Jan 41(1):405-414.
 22. Gao XM, Mu DL, Hou CC, Zhu JQ, Jin S, Wang CL. . Expression and putative functions of KIFC1 for nuclear reshaping and midpiece formation during spermiogenesis of *Phascolosoma esculenta*. *Gene.* 2019 Jan 30 683:169-183.
 23. Tang SS, Ren Y, Ren XQ, Cao JR, Hong H, Ji H, Hu QH. . ER α and/or ER β activation ameliorates cognitive impairment, neurogenesis and apoptosis in type 2 diabetes mellitus mice. *Exp Neurol.* 2019 Jan 311:33-43.
 24. Cai X, Zhu Z, Zhang Y, Tian X. . SDF-1 α promotes repair of myocardial ischemic necrosis zones in rats. *INT J CLIN EXP PATHO.* 2019 Jun 1 12(6):1956-1967. eCollection 2019.
 25. Shang HY, Zhang JJ, Fu ZF, Liu YF, Li S, Chen S, Le WD. . Therapeutic effects of hirsutella sinensis on the disease onset and progression of amyotrophic lateral sclerosis in SOD1G93A transgenic mouse model. *CNS Neurosci Ther.* 2020 Jan 26(1):90-100.
 26. Zou H, Wang T, Yuan J, Sun J, Yuan Y, Gu J, Liu X, Bian J, Liu Z. . Cadmium-induced cytotoxicity in mouse liver cells is associated with the disruption of autophagic flux via inhibiting the fusion of autophagosomes and lysosomes. *Toxicol Lett.* 2020 Mar 15 321:32-43.
 27. Hui Zou, Tao Wang, Junzhao Yuan, Jian Sun, Yan Yuan, Jianhong Gu, Xuezhong Liu, Jianchun Bian, Zongping Liu. . Cadmium-induced cytotoxicity in mouse liver cells is associated with the disruption of autophagic flux via inhibiting the fusion of autophagosomes and lysosomes *Toxicol Lett.* 2020 Mar 15;321:32-43.
 28. Hui Zou, Junzhao Yuan, Yi Zhang, Tao Wang, Yan Chen, Yan Yuan, Jianchun Bian, Zongping Liu. . Gap Junction Intercellular Communication Negatively Regulates Cadmium-Induced Autophagy and Inhibition of Autophagic Flux in Buffalo Rat Liver 3A Cells *Front Pharmacol.* 2020 Nov 26;11:596046.
 29. Yu Li, Bingbing Wu, Chengrui An, Deming Jiang, Lin Gong, Yanshan Liu, Yixiao Liu, Jun Li, Hongwei Ouyang, XiaoHui Zou. . Mass cytometry and transcriptomic profiling reveal body-wide pathology induced by Loxl1 deficiency *Cell Prolif.* 2021 Jul;54(7):e13077.
 30. Qianqian Zhang, Wenge Li, Yanting Zhu, Qingting Wang, Cui Zhai, Wenhua Shi, Wei Feng, Jian Wang, Xin Yan, Limin Chai, Yuqian Chen, Cong Li, Pengtao Liu, Manxiang Li. . Activation of AMPK inhibits Galectin-3-induced pulmonary artery smooth muscle cells proliferation by upregulating hippo signaling effector YAP *Mol Cell Biochem.* 2021 Aug;476(8):3037-3049.
 31. Su-Su Tang, Shu-Yun Xing, Xue-Jiao Zhang, Xiao-Qian Ren, Hao Hong, Yan Long. . Neuroprotective effects of novel compound Tozan on cognition, neurogenesis and apoptosis in diabetes *Ann Transl Med.* 2021 Sep;9(18):1471.
 32. Kun Liu, Xin Luo, Zhao-Yong Lv, Yu-Jue Zhang, Zhen Meng, Jun Li, Chun-Xiu Meng, Hui-Fen Qiang, Cai-Yao Hou, Lei Hou, Feng-Zhen Liu, Bin Zhang. . Macrophage-Derived Exosomes Promote Bone Mesenchymal Stem Cells Towards Osteoblastic Fate Through microRNA-21a-5p *Front Bioeng Biotechnol.* 2022 Jan 5;9:801432.
 33. Xiaojiao Xu, Jingjing Zhang, Song Li, Murad Al-Nusaif, Qinming Zhou, Sheng Chen, Weidong Le. . Bone Marrow Stromal Cell Antigen 2: Is a Potential Neuroinflammation Biomarker of SOD1G93A Mouse Model of Amyotrophic Lateral Sclerosis in Pre-symptomatic Stage *Front Neurosci.* 2022 Feb 7;15:788730.
 34. Leyi Zhang, Wenying Long, Wanwan Xu, Xiuying Chen, Xiaofeng Zhao, Bingbing Wu. . Digital Cell Atlas of Mouse Uterus: From Regenerative Stage to Maturational Stage *Front Genet.* 2022 May 20;13:847646.
 35. Junjie Gao, Hong Mei, Jing Sun, Hao Li, Yuege Huang, Yanhong Tang, Linwei Duan, Delin Liu, Yidan Pang, Qiyang Wang, Youshui Gao, Ke Song, Jincun Zhao, Changqing Zhang, Jia Liu. . Neuropilin-1-Mediated SARS-CoV-2 Infection in Bone Marrow-Derived Macrophages Inhibits Osteoclast

Differentiation Adv Biol (Weinh). 2022 May;6(5):e2200007.

36. Qingling Jia, Li Li, Xiangxiang Wang, Yujiao Wang, Kailin Jiang, Keming Yang, Jun Cong, Gan Cai, Jianghong Ling . Hesperidin promotes gastric motility in rats with functional dyspepsia by regulating Drp1-mediated ICC mitophagy Front Pharmacol. 2022 Aug 12;13:945624.
37. Zhaohai Wen, Zhaoying Zhang, Kalibixiati Aimulajiang, Muhammad Tahir Aleem, Jiajun Feng, Meng Liang, Mingmin Lu, Lixin Xu, Xiaokai Song, Xiangrui Li, Ruofeng Yan . Histidine acid phosphatase domain-containing protein from Haemonchus contortus is a stimulatory antigen for the Th1 immune response of goat PBMCs Parasit Vectors. 2022 Aug 6;15(1):282.
38. Ziqian Min, Huan Xin, Xiaowen Liu, Jingyu Wan, Ziling Fan, Xinxu Rao, Jiahui Fan, Lifang Yang, Dan Li . Chromodomain helicase DNA-binding domain 2 maintains spermatogonial self-renewal by promoting chromatin accessibility and mRNA stability iScience. 2022 Nov 10;25(12):105552.
39. Nan Chen, Jie Deng, Zhihui Zhang, Xia Feng, Hongkang Wang, Jian Chen, Ling Li, Yemin Cao, Chenglin Jia, Yongbing Cao . Oxidative stress-triggered pyroptosis mediates Candida albicans susceptibility in diabetic foot Microb Pathog. 2022 Nov;172:105765.

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