

QuickBlock™免疫荧光染色二抗稀释液

产品编号	产品名称	包装
P0265	QuickBlock™免疫荧光染色二抗稀释液	100ml

产品简介:

- 碧云天生产的 QuickBlock™ 免疫荧光染色二抗稀释液 (QuickBlock™ Secondary Antibody Dilution Buffer for Immunofluorescence) 是最新一代的高效二抗稀释液, 总体效果显著优于传统的基于BSA(牛血清白蛋白)、血清等的二抗稀释液, 可以用于免疫荧光(Immunofluorescence, IF)检测时二抗的稀释和配制。
- QuickBlock™免疫荧光染色二抗稀释液可以有效**节约二抗**。经本产品稀释的二抗可以在2-3周内重复使用3-5次。
- QuickBlock™免疫荧光染色二抗稀释液稀释的二抗孵育后**背景极低**。本封闭液不含血清和白蛋白, 确保极高的信噪比。
- QuickBlock™免疫荧光染色二抗稀释液**兼容性好**, 兼容各种荧光标记的二抗。同时本产品不含生物素, 也不会干扰基于生物素的荧光检测。
- QuickBlock™免疫荧光染色二抗稀释液**使用便捷**。本产品无需添加任何额外的试剂, 可以直接用于二抗的稀释。

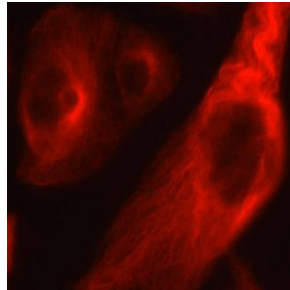


图1. QuickBlock™免疫荧光染色二抗稀释液用于免疫荧光(IF)的检测效果图。上图为HeLa细胞用一抗 α -Tubulin Rabbit Polyclonal Antibody (AF0001)和二抗Cy3标记的山羊抗兔IgG(H+L) (A0516)进行免疫荧光染色的检测效果图。图中可见非常清晰的红色荧光的微管形态。实际实验结果会因样品、抗体、实验条件等的不同而存在差异, 图中数据仅供参考。

- 按照每次二抗稀释需要5-10ml二抗稀释液计算, 一个包装的QuickBlock™免疫荧光染色二抗稀释液可以稀释10-20次二抗。

包装清单:

产品编号	产品名称	包装
P0265	QuickBlock™免疫荧光染色二抗稀释液	100ml
—	说明书	1份

保存条件:

4°C保存, 一年有效。长期不使用可以-20°C保存。

注意事项:

- 为进一步提高信噪比, 推荐配套使用QuickBlock™免疫染色封闭液(P0260)和QuickBlock™免疫染色一抗稀释液(P0262)用于封闭及一抗的稀释。
- 为了能使稀释的二抗可以反复多次使用, 二抗孵育结束后稀释的二抗应立即存放在4°C, 以便于后续重复使用。
- 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:

参考所用的二抗的说明, 以及样品中目的蛋白的含量, 按照适当比例例如1:1000、1:500等比例稀释二抗。二抗稀释后即可直接用于免疫荧光染色。一次免疫荧光染色结束后, 可以回收稀释的二抗, 4°C保存, 以用于下次的免疫荧光染色。

详细的免疫染色操作可以参考碧云天相关网页: <http://www.beyotime.com/support/immunol-staining.htm>。

相关产品:

产品编号	产品名称	包装
P0220	QuickBlock™封闭液(PBS)	100ml
P0222	QuickBlock™封闭液(PBSTw)	100ml

P0226	QuickBlock™封闭液(PBSTx)	100ml
P0228	QuickBlock™封闭液(TBS)	100ml
P0231	QuickBlock™封闭液(TBSTw)	100ml
P0233	QuickBlock™封闭液(TBSTx)	100ml
P0235	QuickBlock™封闭液(10X)	100ml
P0252	QuickBlock™Western封闭液	100ml
P0256	QuickBlock™ Western一抗稀释液	100ml
P0258	QuickBlock™ Western二抗稀释液	100ml
P0260	QuickBlock™免疫染色封闭液	100ml
P0262	QuickBlock™免疫染色一抗稀释液	100ml
P0265	QuickBlock™免疫荧光染色二抗稀释液	100ml
P0267	QuickBlock™免疫组化染色二抗稀释液	100ml

使用本产品的文献：

- Han L, Tang M, Xu X, Jiang B, Wei Y, Qian H, Lu X. MiR-143-3p suppresses cell proliferation, migration, and invasion by targeting Melanoma-Associated Antigen A9 in laryngeal squamous cell carcinoma. *J Cell Biochem.* 2018 Oct 9.
- Han Y, Zhao X, Sun Y, Sui Y, Liu J. Effects of FOSL1 silencing on osteosarcoma cell proliferation, invasion and migration through the ERK/AP-1 signaling pathway. *J Cell Physiol.* 2019 Apr.
- Ren CC, Yang L, Liu L, Chen YN, Cheng GM, Zhang XA, Liu H. Effects of shRNA-mediated silencing of PSMA7 on cell proliferation and vascular endothelial growth factor expression via the ubiquitin-proteasome pathway in cervical cancer. *J Cell Physiol.* 2019 May.
- Yong Zhang, Qiuyan Weng, Jianming Chen, Ming Li, Jinming Han. Oroxylin A attenuates IL-1 β -induced inflammatory reaction via inhibiting the activation of the ERK and PI3K/AKT signaling pathways in osteoarthritis chondrocytes. *Exp Ther Med.* 2021 Apr;21(4):388.
- Jian Ding, Xiangmei Hu, Fei Xu, Hao Yu, Zheng Ye, Shen Zhang, Huijun Pan, Deng Pan, Yanni Tu, Qiuyu Zhang, Qingyan Sun, Tianmiao Hua. Suppression of top-down influence decreases neuronal excitability and contrast sensitivity in the V1 cortex of cat. *Sci Rep.* 2021 Aug 6;11(1):16034.
- Gaojie Song, Jinbo Fang, Chao Shang, Yiquan Li, Yilong Zhu, Zhiru Xiu, Lili Sun, Ningyi Jin, Xiao Li. Ad-apoptin inhibits glycolysis, migration and invasion in lung cancer cells targeting AMPK/mTOR signaling pathway. *Exp Cell Res.* 2021 Dec 15;409(2):112926.
- Hongni Xue, Fayang Liu, Zhiying Ai, Jie Ke, Mengying Yu, Bingxue Chen, Zekun Guo. FOXC1 Downregulates Nanog Expression by Recruiting HDAC2 to Its Promoter in F9 Cells Treated by Retinoic Acid. *Int J Mol Sci.* 2021 Feb 24;22(5):2255.
- Huijun Pan, Shen Zhang, Deng Pan, Zheng Ye, Hao Yu, Jian Ding, Qin Wang, Qingyan Sun, Tianmiao Hua. Characterization of Feedback Neurons in the High-Level Visual Cortical Areas That Project Directly to the Primary Visual Cortex in the Cat. *Front Neuroanat.* 2021 Jan 8;14:616465.
- Dongqin Wu, Di Gao, Haitao Yu, Guilin Pi, Rui Xiong, Huiyang Lei, Xin Wang, Enjie Liu, Jinwang Ye, Huilin Yu, Yang Gao, Ting He, Tao Jiang, Fei Sun, Jingfen Su, Guoda Song, Wenju Peng, Ying Yang, Jian-Zhi Wang. Medial septum tau accumulation induces spatial memory deficit via disrupting medial septum-hippocampus cholinergic pathway. *Clin Transl Med.* 2021 Jun;11(6):e428.
- Ren-He Chen, Li Xiao, Ru-Zhi Zhang, Sheng-Yi Wang, Yue Li. Dedifferentiation of human epidermal melanocytes in vitro by long-term trypsinization. *Cell Tissue Bank.* 2021 Mar;22(1):67-75.
- Lei Zheng, Liying Kang, Yan Cheng, Junli Cao, Lijie Liu, Hongmei Xu, Liming Gao. Tumor Inhibitory Effect of Long Non-coding RNA LOC100505817 on Gastric Cancer. *Pathol Oncol Res.* 2021 May 26;27:581542.
- Mingcui Zheng, Zhenhong Liu, Lulu Mana, Gaofeng Qin, Shuaiyang Huang, Zhuoyan Gong, Meijing Tian, Yannan He, Pengwen Wang. Shenzhiling oral liquid protects the myelin sheath against Alzheimer's disease through the PI3K/Akt-mTOR pathway. *J Ethnopharmacol.* 2021 Oct 5;278:114264.
- Chao Fang, Jian Sun, Laifu Wei, Fei Gao, Jun Qian. Oscillating field stimulation promotes recovery from spinal cord injury in rats by regulating the differentiation of endogenous neural stem cells. *Exp Ther Med.* 2021 Sep;22(3):979.
- Huanqing Gao, Liang Zhou, Yiming Zhong, Zhen Ding, Sixiong Lin, Xiaoting Hou, Xiaoqian Zhou, Jie Shao, Fan Yang, Xuenong Zou, Huiling Cao, Guozhi Xiao. Kindlin-2 haploinsufficiency protects against fatty liver by targeting Foxo1 in mice. *Nat Commun.* 2022 Feb 23;13(1):1025.
- Leyi Zhang, Chenglong Lu, Li Kang, Yingji Li, Wenjing Tang, Dengfa Zhao, Shengyuan Yu, Ruozhuo Liu. Temporal characteristics of astrocytic activation in the TNC in a mice model of pain induced by recurrent dural infusion of inflammatory soup. *J Headache Pain.* 2022 Jan 15;23(1):8.
- Ren CC, Yang L, Liu L, Chen YN, Cheng GM, Zhang XA, Liu H. Effects of shRNA-mediated Silencing of PSMA7 on Cell Proliferation and Vascular EndothelialGrowth Factor Expression via the Ubiquitin-Proteasome Pathway in Cervical Cancer. *J Cell Physiol.* 2019 May;234(5):5851-5862.
- Mao XW, Xiao JQ, Li ZY, Zheng YC, Zhang N. Effects of microRNA-135a on the epithelial-mesenchymal transition, migration and invasion of bladder cancer cells by targeting GSK3 β through the Wnt/ β -catenin signaling pathway. *Exp Mol Med.* 2018 Jan 19;50(1):e429.
- Zhao YX, Liu JF, Sun WJ, Zeng RF, Li T, Ma RM. Long non-coding RNA-ENST00000434223 suppresses tumor progression in gastric cancer cells through the Wnt/ β -catenin signaling pathway. *Int J Biol Macromol.* 2018 Dec;120(Pt A):491-501.
- Fan QY, Liu JJ, Zhang GL, Wu HQ, Zhang R, Zhan SQ, Liu N. Inhibition of SNK-SPAR signaling pathway promotes the restoration of motor function in a ratmodel of ischemic stroke. *J Cell Biochem.* 2018 Jan;119(1):1093-1110.
- Jia HL, Zhou DS. Downregulation of microRNA-367 promotes osteoblasts growth and proliferation of mice during fracture by activating the PANX3-mediated Wnt/ β -catenin pathway. *J Cell Biochem.* 2018 Dec 16.
- Wu KH, Xiao QR, Yang Y, Xu JL, Zhang F, Liu CM, Zhang ZM, Lu YQ, Huang NP. MicroRNA-34a modulates the Notch signaling pathway in mice with congenital heart disease and its role in heart development. *J Mol Cell Cardiol.* 2018 Jan;114:300-308.

22. Wu KH, Xiao QR, Yang Y, Xu JL, Zhang F, Liu CM, Zhang ZM, Lu YQ, Huang NP. MicroRNA-34a modulates the Notch signaling pathway in mice with congenital heart disease and its role in heart development. *J Mol Cell Cardiol.* 2018 Jan;114:300-308.
23. Chai C, Song LJ, Han SY, Li XQ, Li M. MicroRNA-21 promotes glioma cell proliferation and inhibits senescence and apoptosis by targeting SPRY1 via the PTEN/PI3K/AKT signaling pathway. *CNS Neurosci Ther.* 2018 May;24(5):369-380.
24. Ding Y, Zheng Y, Liu T, Chen T, Wang C, Sun Q, Hua M, Hua T. Changes in GABAergic markers accompany degradation of neuronal function in the primary visual cortex of senescent rats. *SCI REP-UK.* 2017 Nov 2;7(1):14897.
25. Yao CJ, Lv Y, Zhang CJ, Jin JX, Xu LH, Jiang J, Geng B, Li H, Xia YY, Wu M. MicroRNA-185 inhibits the growth and proliferation of osteoblasts in fracture healing by targeting PTH gene through down-regulating Wnt/ β -catenin axis: In an animal experiment. *BIOCHEM BIOPH RES CO.* 2018 Jun 18;501(1):55-63.
26. Li X, Wang X, Wang X, Chen H, Zhang X, Zhou L, Xu T. 3D bioprinted rat Schwann cell-laden structures with shape flexibility and enhanced nerve growth factor expression. *3 Biotech.* 2018 Aug;8(8):342.
27. Ding Y, Chen T, Wang Q, Yuan Y, Hua T. Axon initial segment plasticity accompanies enhanced excitation of visual cortical neurons in aged rats. *Neuroreport.* 2018 Dec 12;29(18):1537-1543.

Version 2024.09.27