

Antigen Retrieval Buffer (100X Citrate Buffer) ab93678

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概述

产品名称	Antigen Retrieval缓冲液(100X Citrate缓冲液)
经测试应用	适用于: IHC-P
常规说明	<p>Antigen Retrieval Buffer (100X Citrate Buffer) is a special solution that enables rehydration and antigen retrieval to be performed in formalin-fixed, paraffin-embedded tissue sections with one step. It is optimal for use with primary antibodies that require citrate buffer pretreatment.</p> <p>This product contains detergent for emulsification of the paraffin.</p> <p>1X Dilution: The 100X stock solution should be diluted 100-fold with distilled water before use.</p> <p>Protocol:</p> <ol style="list-style-type: none"> 1. Place paraffin-embedded slides in 1x Antigen Retrieval Buffer; cover with a vented plastic wrap, place in microwave and set high power to boil and then set low power to keep it boiling for 10 min. Let the sections cool in the microwave for at least 20 min. 2. Wash sections with hot tap water for 1 min. 3. Wash sections in buffer for 2 x 3 minutes. 4. Continue with IHC protocol as normal. <p>Other kits and reagents for IHC</p> <p>Other antigen retrieval buffers include: Tris-EDTA buffer pH 9.0 ab93684, EDTA buffer pH 8.0 ab93680, Tris buffer pH 10.0 ab93682, or see the full list of antigen retrieval buffers and enzymes.</p> <p>Find more kits and reagents for antigen retrieval, blocking, signal amplification, visualization, counterstaining, and mounting in the IHC kits and reagents guide.</p>

性能

形式	Liquid
存放说明	Store at room temperature.
存储溶液	<p>pH: 5.1</p> <p>Constituents: Citrate Buffer, 1% Hydrochloric acid, 1.5% 2-butoxyethanol</p> <p>Buffer 100x Concentrated with detergent.</p>
相关性	Antigen Retrieval Buffer (100X Citrate Buffer) is a special solution that enables rehydrate and target retrieval in formalin-fixed, paraffin-embedded tissue sections in one step. It is optimal for use with primary antibodies that require citrate buffer (pH=6.0) pretreatment.

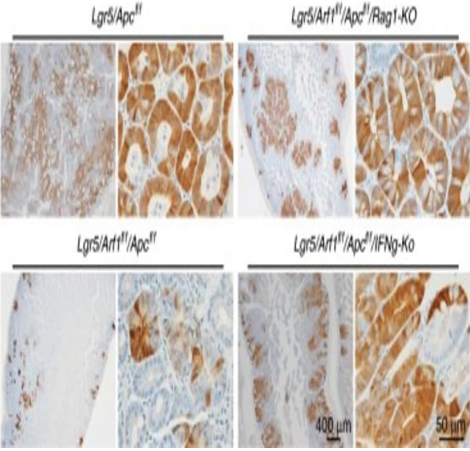
应用

The Abpromise guarantee Abpromise™承诺保证使用ab93678于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use at an assay dependent dilution.

图片

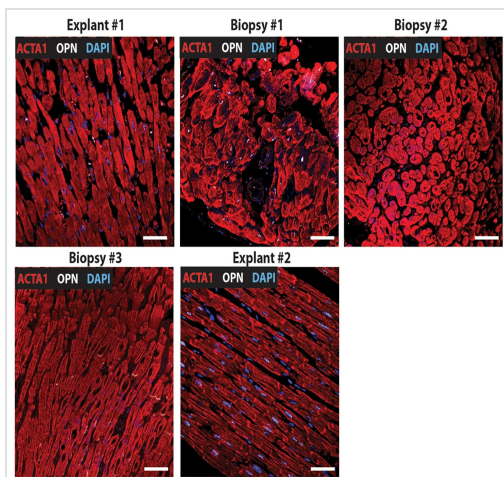


The image displays four panels of immunohistochemical staining for GFP in paraffin-embedded tissue sections. The top row shows *Lgr5/Apc^{fl}* (left) and *Lgr5/Art1^{fl}/Apc^{fl}/Rag1-KO* (right). The bottom row shows *Lgr5/Art1^{fl}/Apc^{fl}* (left) and *Lgr5/Art1^{fl}/Apc^{fl}/IFN-γ-KO* (right). The staining is brown, indicating GFP expression. Scale bars of 400 μm and 50 μm are present in the bottom right panels.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Antigen Retrieval Buffer (100X Citrate Buffer) (ab93678)

Image from Wang et al., Nat Commun., 11(1):220. doi: 10.1038/s41467-019-14046-9. Reproduced under the Creative Commons license <https://creativecommons.org/licenses/by/4.0/>

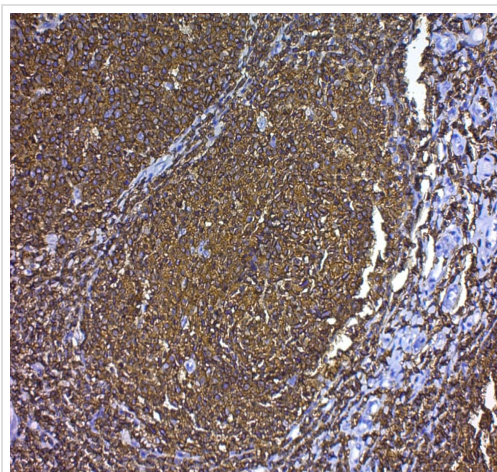
Immunohistochemical staining of GFP in the indicated genotypes ($n=5$ mice per group): Immunohistochemical staining of GFP in the indicated genotypes ($n=5$ mice per group): The paraffin-embedded sections were deparaffinized with xylene and alcohol and subjected to antigen retrieval by citrate buffer (Abcam, Cat# ab93678), Tris-EDTA buffer (Abcam, Cat# **ab93684**), EDTA buffer (Abcam, Cat# **ab93680**), or Tris buffer (Abcam, Cat# **ab93682**) in a 100°C cooker for 30?min. After blocking, the sections were incubated with primary antibodies at 4°C overnight. 1:500, Chicken anti-GFP, Abcam, Cat#Ab13970. the mouse tissue sections were developed with an IHC Detection kit (Thermo Fisher, Cat#3600) according to the manufacturer's instructions.



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Image from Irion et al., Front Physiol., 11:928; doi: 10.3389/fphys.2020.00928. Reproduced under the Creative Commons license <https://creativecommons.org/licenses/by/4.0/>

Nuclear OPN expression in explanted hearts but not endomyocardial biopsies (EMBs) In Patient #1, nuclear OPN (shown in white) in ACTA1-positive cardiomyocytes (shown in red) is visible in failing native and transplanted hearts, but in none of the three serial follow-up EMB samples collected at 1 week, 1 month, and 1 year post first transplant. Representative confocal z-stack images are shown. Scale bar = 20 μm.



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