

Antigen Retrieval Buffer (100X Citrate Buffer) ab93678

★★★★★ [1 Abreviews](#) [30 References](#) [画像数 3](#)

製品の概要

製品名	Antigen Retrieval Buffer (100X Citrate Buffer)
アプリケーション	適用あり: IHC-P
特記事項	<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>

製品の特性

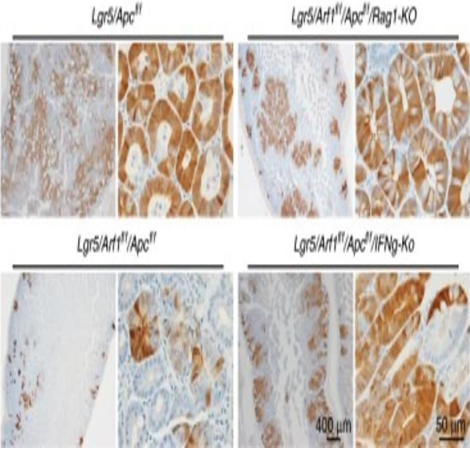
製品の状態	Liquid
保存方法	Store at room temperature.
バッファー	<p>pH: 5.1</p> <p>Constituents: Citrate Buffer, 1% Hydrochloric acid, 1.5% 2-butoxyethanol</p> <p>Buffer 100x Concentrated with detergent.</p>
関連性	Antigen Retrieval Buffer (100X Citrate Buffer) is a special solution that enables rehydrate and target 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.

アプリケーション

The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab93678の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent dilution.

画像

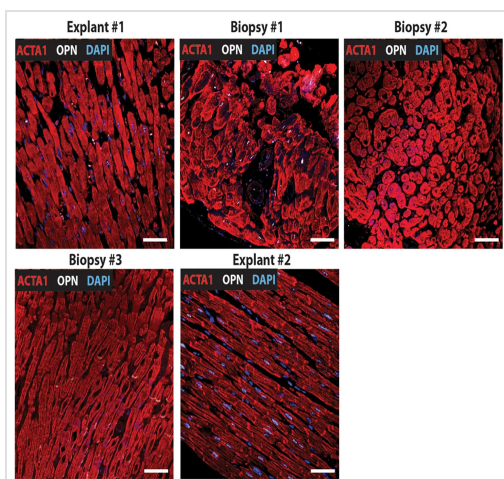


The image displays four panels of immunohistochemical staining for GFP in paraffin-embedded sections of mouse tissue. The top row shows *Lgr5/Apc^{fl}* (left) and *Lgr5/Art1^{fl}/Apc^{fl}/Rag1-KO* (right). The bottom row shows *Lgr5/Art1^{fl}/Apc^{fl}* (left) and *Lgr5/Art1^{fl}/Apc^{fl}/IFN-γ-KO* (right). 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/>

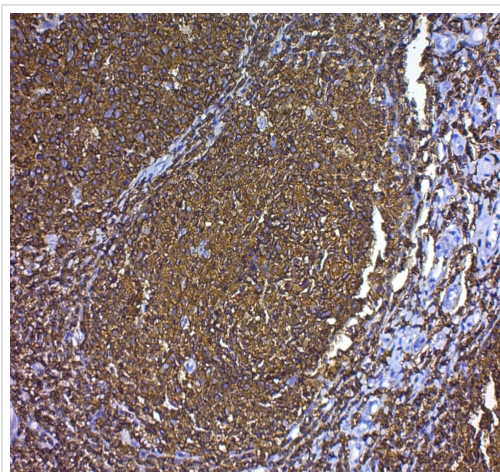
Immunohistochemical staining of GFP in the indicated genotypes (*n*=5 mice per group): Immunohistochemical staining of GFP in the indicated genotypes (*n*=5 mice per group): The paraffin-embedded sections were deparaffinized with xylene and alcohol and subjected to antigen retrieval by citrate buffer (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.



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

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.



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

ab93678 Antigen Retrieval Buffer 100X Citrate Buffer

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