

Product datasheet

Antigen Retrieval Buffer (100X EDTA Buffer, pH 8.0) ab93680

[4 References](#) [3 Images](#)

Overview

Product name	Antigen Retrieval Buffer (100X EDTA Buffer, pH 8.0)
Tested applications	Suitable for: IHC-P
General notes	<p>Antigen Retrieval Buffer (100X EDTA Buffer, pH 8.0) 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 EDTA buffer (pH=8.0) 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> <p>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 20min.</p> <p>Wash sections with hot tap water for 1 minute.</p> <p>Wash sections in buffer for 2x3 minutes.</p> <p>Continue with IHC protocol as normal.</p> <p>Other kits and reagents for IHC</p> <p>Other antigen retrieval buffers include:</p> <p><u>Citrate buffer pH 6.0 ab93678, Tris-EDTA buffer pH 9.0 ab93684, Tris buffer pH 10.0 ab93682</u>, or see the full list of <u>antigen retrieval buffers and enzymes</u>.</p> <p>Find more kits and reagents for antigen retrieval, blocking, signal amplification, visualization, counterstaining, and mounting in the <u>IHC kits and reagents guide</u>.</p>

Properties

Form	Liquid
Storage instructions	Store at room temperature.
Storage buffer	pH: 8 Constituents: 1.5% 2-butoxyethanol, 5% Sodium EDTA
	Buffer 100x Concentrated with detergent.

Applications

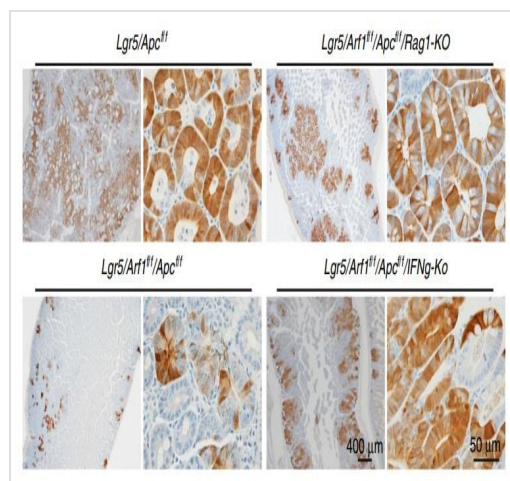
The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab93680 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent dilution.

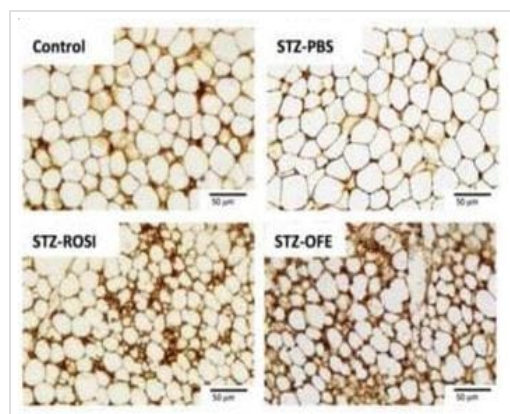
Images



Prolonged survival of Lgr5/Apc and MYC-ON mice depends on the T cells.g Immunohistochemical staining of GFP in the indicated genotypes (n = 5 mice per group).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Antigen Retrieval Buffer (100X EDTA Buffer, pH 8.0) (ab93680)

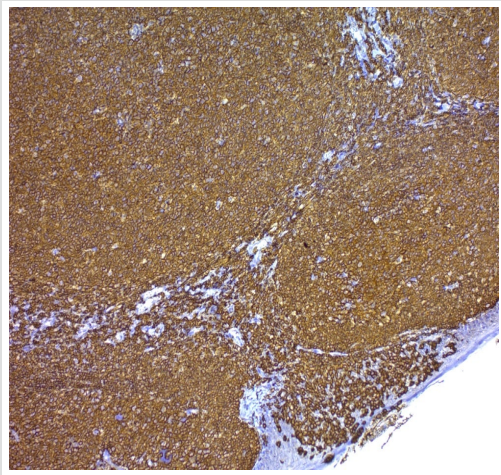
Image from Wang et al., Nat Commun., 11(1):220; doi: 10.1038/s41467-019-14046-9. Reproduced under the Creative Commons license <https://creativecommons.org/licenses/by/4.0/>



Ophiocordyceps formosana upregulated adiponectin expressions in plasma and adipose tissuesb) Immunohistochemical staining for adiponectin in adipose tissues.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Antigen Retrieval Buffer (100X EDTA Buffer, pH 8.0) (ab93680)

Image from Chao-Wei et al., BMC Complement Altern Med., 6(1):310; doi: 10.1186/s12906-016-1278-7. Reproduced under the Creative Commons license <https://creativecommons.org/licenses/by/4.0/>



ab93680 Antigen Retrieval Buffer 100X EDTA Buffer, pH 8

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Antigen Retrieval Buffer (100X EDTA Buffer, pH 8.0) (ab93680)

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