

## Product datasheet

# Antigen Retrieval Buffer (100X Tris-EDTA Buffer, pH 9.0) ab93684

★★★★★ [3 Abreviews](#) [22 References](#) [3 Images](#)

### Overview

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<b>Product name</b>	Antigen Retrieval Buffer (100X Tris-EDTA Buffer, pH 9.0)
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>General notes</b>	<p>Antigen Retrieval Buffer (100X Tris-EDTA Buffer, pH 9.0) enables target retrieval in formalin-fixed, paraffin-embedded tissue sections in one step. It is optimal for use with primary antibodies that require Tris-EDTA buffer (pH 9.0) pretreatment.</p> <p>This product contains detergent for emulsification of the paraffin.</p> <p><b>1X Dilution:</b> The 100X stock solution should be diluted 100-fold with distilled water before use.</p> <p><b>Protocol:</b></p> <ul style="list-style-type: none"><li>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.</li><li>Wash sections with hot tap water for 1 minute.</li><li>Wash sections in buffer for 2x3 minutes.</li><li>Continue with IHC protocol</li></ul> <p><b>Other kits and reagents for IHC</b></p> <p>Other antigen retrieval buffers include: <a href="#">Citrate buffer pH 6.0 ab93678</a>, <a href="#">EDTA buffer pH 8.0 ab93680</a>, <a href="#">Tris buffer pH 10.0 ab93682</a>, or see the full list of <a href="#">antigen retrieval buffers and enzymes</a>.</p> <p>Find more kits and reagents for antigen retrieval, blocking, signal amplification, visualization, counterstaining, and mounting in the <a href="#">IHC kits and reagents guide</a>.</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Store at room temperature.
<b>Storage buffer</b>	pH: 8.7 Constituents: 1.5% 2-butoxyethanol, 5% Sodium EDTA, 5% Tris  Buffer 100x concentrated with detergent.

## Applications

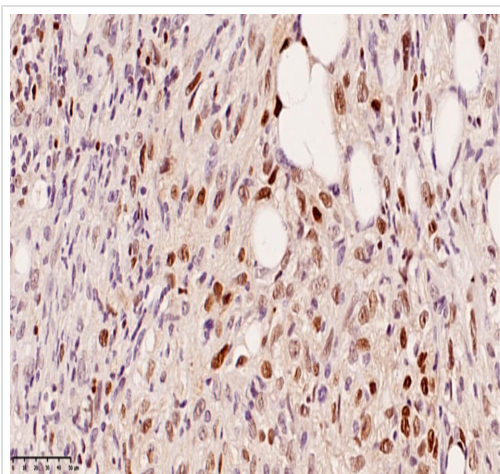
### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab93684 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.

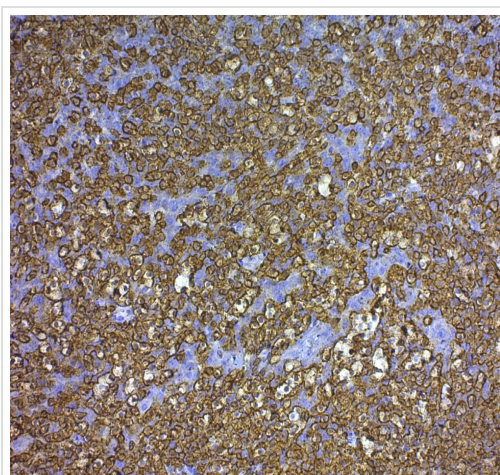
## Images



Immunohistochemical for RUNX2 on murine omental metastasis  
Antigen retrieval: Tris-EDTA, pH;9 (ab93684), Blocking: Normal Goat Serum, Primary: Rabbit monoclonal anti-Runx2 [EPR14334] (**ab192256**), dilution 1:1000, Secondary: HRP anti-rabbit

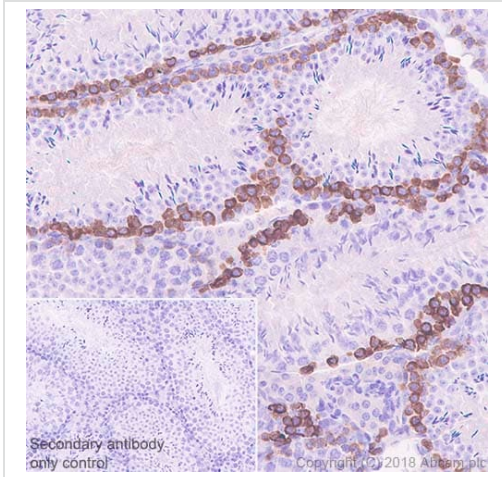
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Antigen Retrieval Buffer (100X Tris-EDTA Buffer, pH 9.0) (ab93684)

Image from Maniati et al., Cell Rep.;30(2):525-540.e7; doi: 10.1016/j.celrep.2019.12.034. Reproduced under the Creative Commons license <https://creativecommons.org/licenses/by/4.0/>



ab93684 Antigen Retrieval Buffer 100X Tris-EDTA Buffer, pH 9

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Antigen Retrieval Buffer (100X Tris-EDTA Buffer, pH 9.0) (ab93684)



Immunohistochemical analysis of paraffin-embedded mouse testis tissue labeling LINE-1 ORF1p with **ab216324** at 1/500 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Cytoplasmic staining on spermatogonia of mouse testis (PMID: 24607009) is observed. Counterstained with hematoxylin. Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP). Perform heat mediated antigen retrieval using ab93684 (Tris/EDTA buffer, pH 9.0).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Antigen Retrieval Buffer (100X Tris-EDTA Buffer, pH 9.0) (ab93684)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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