

## Product datasheet

# 100x Citrate Buffer pH 6.0 ab64236

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### 概述

产品名称	100x Citrate缓冲液pH 6.0
经测试应用	适用于: IHC-P
常规说明	Citrate buffer pH 6.0 for heat-induced antigen retrieval (HIER) during IHC (ab64236).

### 性能

形式	Liquid
存放说明	Store at room temperature.
存储溶液	pH: 4 Constituent: 1% Hydrochloric acid

**相关性** Citrate buffer is used on formalin-fixed, paraffin-embedded tissue sections mounted on glass slides for target retrieval prior to immunohistochemistry (IHC) procedures. Target retrieval prior to IHC procedures obtains positive results, or results in an increase in staining intensity with many primary antibodies.

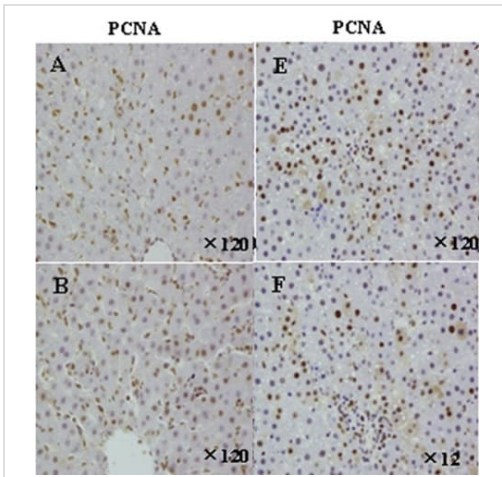
### 应用

**The Abpromise guarantee** **Abpromise™**承诺保证使用ab64236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.

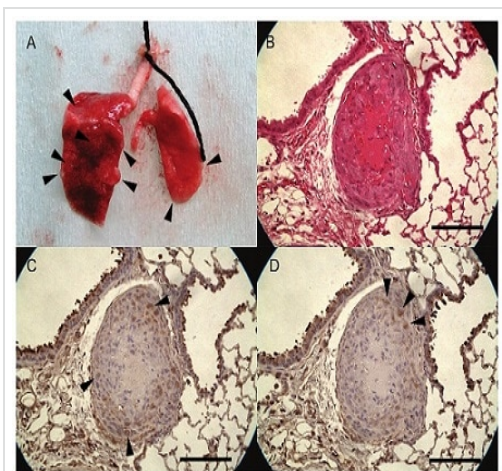
### 图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - 100x Citrate Buffer pH 6.0 (ab64236)

Jujo T et al. PLoS One (2014) Reproduced under the Creative Commons license <http://creativecommons.org/licenses/by/4.0/>

Immunohistochemical analysis of liver tissue section labeling PCNA with **ab18197** at 1/250. Antigen retrieval was performed with antigen retrieval buffer, ab64236. A and B, PCNA staining in right and left grafts 1 day after reperfusion. E and F, PCNA staining in right and left grafts 5 day after reperfusion.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - 100x Citrate Buffer pH 6.0 (ab64236)

Jujo T et al. PLoS One (2014)

Immunohistochemical analysis of mouse lung. Samples were fixed in 10% buffered formalin, paraffinized and sliced at 1.5  $\mu$ m thick. Antigen retrieval was performed using **ab64214** for the deparaffinized slices. Sections were blocked with 2% normal goat serum, PBS(-) and 0.1% Tween20. They were then incubated with the primary antibodies for 1 hour at 4°C and with secondary antibodies for 30 minutes at room temperature. The avidin-biotin-peroxidase complex method with peroxidase streptavidin and the DAB substrate kit **ab64238** was performed.

(A) A resected lung from a mouse sacrificed 28 days after SCL injection.

(B) Haemotoxylin and Eosin staining showing the tumor composed of a central area with necrosis and a peripheral zone filled with SCLs.

(C) Immunohistochemical staining for MMP-14 showing positive expression of MMP-14 in the peripheral zone of the tumor and negative in central zone.

(D) Immunohistochemical staining weak staining of MMP-2 in the peripheral zone.

This image was produced using **ab64214** (a lower concentration of ab64236). Therefore, we expect ab64236 to work as well when diluted to the required concentration.

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

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