

### AEC Single/Plus (30ml) ab103742

[1 References](#) [2 Images](#)

#### Overview

---

Product name	AEC Single/Plus (30ml)
General notes	<p>AEC Single/Plus is a single, highly stable AEC chromogen/substrate working solution. When used in conjugation with immunoperoxidase detection systems, AEC produces a red colored and product at positive sites, yeilding strong contrast when combined with a blue hematoxylin counterstain. Specimens stained using AEC Single/Plus cannot be dehydrated in ethanol and must be mounted in an aqueous-based mounting medium.</p> <p>AEC Single/Plus (ab103742) is a single, stable ready for use solution. It can be used up until the expiry date so reduces waste when compared to DAB substrate/chromgen solutions. The solution is light sensitive and must be protected from exposure to light and stored in an opaque bottle or dark environment.</p> <p><b>Protocol</b></p> <p>Once section have been incubated with peroxidase, wash with wash buffer.</p> <p>Wipe slides removing excess buffer. Add enough drops of AEC Single/Plus to cover tissue sections.</p> <p>Incubate for 5-15 minutes at room temperature. For optimal results, observe reaction under the microscope for signal developmant. Once the desired signal to noise ratio is acheived, stop the reaction by washing the slides in DI H<sub>2</sub>O.</p>

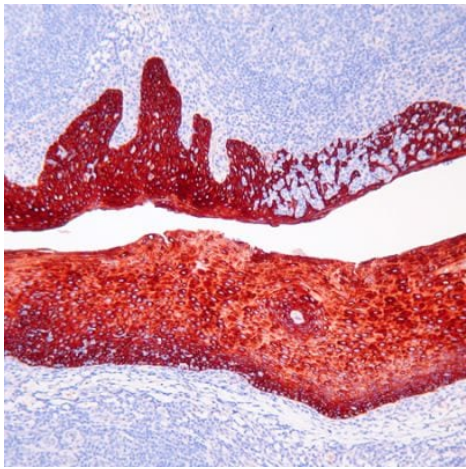
#### Properties

---

Form	Liquid
Storage instructions	Store at +4°C. Store In the Dark.
Storage buffer	Constituent: 6% Hydrogen peroxide

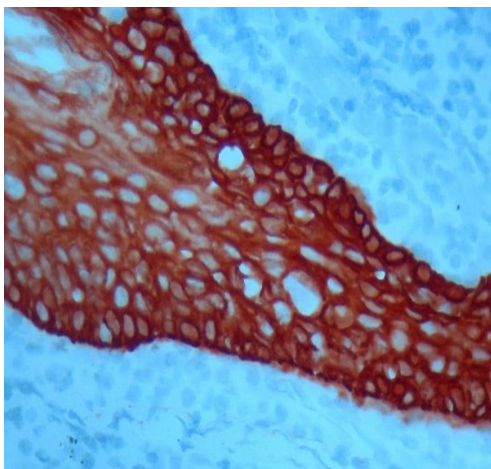
#### Images

---



AEC Single/Plus staining Cytokeratin 5 & 14 in tonsil tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - AEC Single/Plus (30ml)  
(ab103742)



Formalin fixed paraffin embedded Human tonsil stained with HMW Cytokeratin antibody ([ab850](#)) labeled with AEC Single/Plus (30ml) (ab103742) produces a robust red color.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - AEC Single/Plus (30ml)  
(ab103742)

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

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

#### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors