

## Product datasheet

# AEC Single/Plus (30ml) ab103742

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### Overview

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**Product name** AEC Single/Plus (30ml)

**General notes** 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, yielding 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.

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/chromogen solutions. The solution is light sensitive and must be protected from exposure to light and stored in an opaque bottle or dark environment.

#### Protocol

Once section have been incubated with peroxidase, wash with wash buffer.  
Wipe slides removing excess buffer. Add enough drops of AEC Single/Plus to cover tissue sections.  
Incubate for 5-15 minutes at room temperature. For optimal results, observe reaction under the microscope for signal development. Once the desired signal to noise ratio is achieved, stop the reaction by washing the slides in DI H<sub>2</sub>O.

### Properties

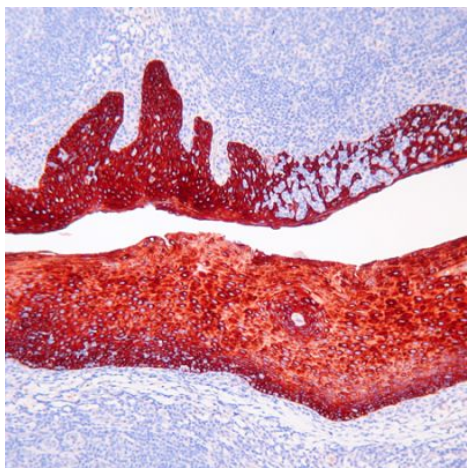
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**Storage instructions** Store at +4°C. Store In the Dark.

**Storage buffer** Constituent: 6% Hydrogen peroxide

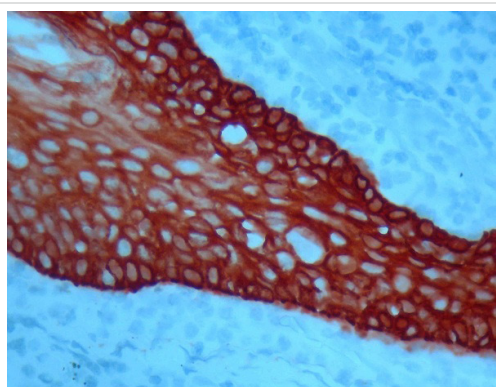
### Images

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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.

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

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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