

Product datasheet

Mounting Medium for IHC - Aqueous ab64230

9 References 1 Image

Overview

Product name	Mounting Medium for IHC - Aqueous
Tested applications	Suitable for: IHC-P
General notes	Mounting Medium ab64230 is an aqueous mounting medium designed for use with chromogenic tissue and cell staining. It can be used with chromogens such as Fast-Red or AEC that require an aqueous mounting medium, or those that do not, such as DAB. When it is dry, it generates an even surface and can be used without a glass coverslip.

Mounting media products

For fluorescent cell and tissue staining, Abcam recommends aqueous, anti-fade [Fluorescence Mounting Medium ab104135](#), [Mounting Medium with DAPI ab104139](#), and [Mounting Medium with PI ab104129](#). For thick sections or tissues containing lots of fat, we recommend [Glycerol Mounting Medium with DAPI ab188804](#).

For chromogenic immunohistochemistry, such as with DAB, AEC, or Fast Red, we recommend this product, Mounting Medium ab64230, or organic [Limonene Mounting Medium ab104141](#).

IHC protocol suitable for use with Mounting Medium ab64230:

1. Deparaffinize and rehydrate formalin-fixed paraffin-embedded tissue section.
2. Use appropriate [antigen retrieval buffer or enzyme](#) (primary antibody dependent) to treat sections. Wash 3 times in buffer.
3. Add enough [hydrogen peroxide blocking solution](#) to cover the sections. Incubate for 10 minutes. Wash 2 times in buffer. If necessary, use [avidin biotin blocking](#).
4. Apply [protein block](#) (or [normal serum](#) from same species as secondary antibody) and incubate for 5 minutes at room temperature to block nonspecific background staining. Wash once in buffer.
5. Apply primary antibody in [antibody diluent](#) and incubate.
6. Wash 4 times in buffer. Incubate slide with [biotinylated secondary antibody](#) (or [HRP polymer secondary antibody](#) and skip step 7). Wash 4 times in buffer.
7. Apply [streptavidin-HRP](#) and incubate for 10 minutes at room temperature.
8. Rinse 4 times in buffer. Place slide in [DAB substrate](#) or [AEC Substrate](#) and incubate until desired color is achieved (1-10 mins). Rinse 4 times in buffer.
9. Add enough drops of [hematoxylin](#) to cover the section. Incubate for 1 minute.
10. Rinse 7-8 times in tap water. Add Mounting Medium ab64230 to cover the section.

Find complete IHC kits, and reagents for antigen retrieval, blocking, signal amplification, visualization, counterstaining, and mounting in the [IHC kits and reagents guide](#).

Properties

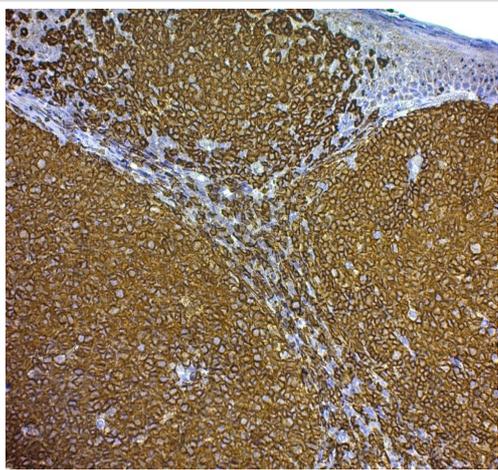
Form	Liquid
Storage instructions	Store at room temperature.
Storage buffer	Preservative: 0.1% Sodium azide
Reagent notes	ab64230 is formulated for coverslipping sections. It can be used with chromogens such as Fast-Red or AEC that require an aqueous mounting medium, or those that do not, such as DAB. When it is dry, it generates an even surface and can be used without a glass coverslip.

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab64230 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



ab64230 Mounting Medium used along with anti-CD20 antibody on Human Tonsil

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Mounting Medium (ab64230)

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