

Store at RT
#14166

Hematoxylin

www.cellsignal.com

500 ml

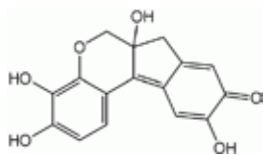
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New 11/14

For Research Use Only. Not For Use In Diagnostic Procedures.

Description: Hematoxylin is a blue nuclear counterstain for use in immunohistochemical assays. It yields crisp staining detail with superior contrast when used in conjunction with SignalStain® DAB Substrate Kit #8059. It is also compatible with SignalStain® Mounting Medium #14177.



A) Solutions and Reagents

Supplied Reagents

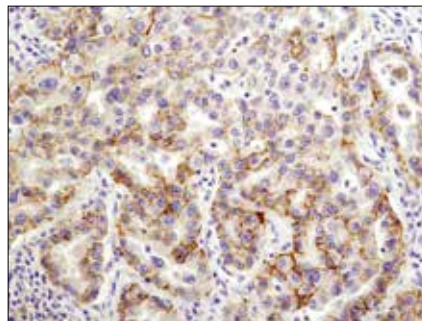
1. Hematoxylin #14166

Additional Reagents (Not Supplied)

1. Acid Rinse Solution: To prepare 100 ml, add 2 ml of glacial acetic acid to 98 ml of dH₂O.
2. Bluing Solution: To prepare 100 ml, add 1.5 ml of 30% ammonium hydroxide (NH₄OH) to 98.5ml of 70% ethanol

B) Nuclear Counterstaining

1. Rinse slides in tap water.
2. Completely submerge slides in Hematoxylin #14166 and incubate for 1-5 minutes.
3. Wash slides with tap water until rinse water is clear.
4. Immerse slides 10 times in acid rinse solution.
5. Rinse slides 10 times in tap water.
6. Immerse slides for 1 minute in bluing solution
7. Rinse slides 10 times in tap water.
8. Mount sections with SignalStain® Mounting Medium #14177.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma using Claudin-1 (D5H1D) XP® Rabbit mAb #13255 (brown) followed by a counterstain with Hematoxylin (blue).

Storage: Supplied as a working solution. Store at room temperature. Product is stable for 12 months upon receipt when stored properly.

Thank you for your recent purchase. If you would like to provide a review visit www.cellsignal.com/comments.

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 **Cell Signaling**
TECHNOLOGY®

Applications: W—Western IP—Immunoprecipitation IHC—Immunohistochemistry ChIP—Chromatin Immunoprecipitation IF—Immunofluorescence F—Flow cytometry E-P—ELISA-Peptide **Species Cross-Reactivity:** H—human M—mouse R—rat Hm—hamster Mk—monkey Mi—mink C—chicken Dm—D. melanogaster X—Xenopus Z—zebrafish B—bovine Dg—dog Pg—pig Sc—S. cerevisiae Ce—C. elegans Hr—Horse All—all species expected Species enclosed in parentheses are predicted to react based on 100% homology.