

Detection of Smooth Muscle Actin in Mouse Cell Lines

Reagents:

[1X Automation Buffer](#)
[3% Hydrogen peroxide](#)
[Antibody Diluent](#)
[DAB Chromagen](#)
[Hematoxylin](#)

Antibody Information:

Dako Protein Block Serum-Free--Ready to use
Carpinteria CA
www.dakousa.com
1-800-235-5763
Catalog # X0909

Primary antibody: EPOS Smooth Muscle Actin
Dako Corporation
Carpinteria, CA 93013
www.dakousa.com
1-800-235-5763
Catalog #U7034

Negative antibody: EPOS Negative control
Dako Corporation
Carpinteria, CA 93013
www.dakousa.com
1-800-235-5763
Catalog #U0951

Staining Procedure

-Positive Control Tissue: Smooth muscle actin cell line
-Stain localization: Cytoplasmic

1. No Retrieval
2. Incubate slides in Dako serum protein-free block for 10 min.
Lot # _____ Exp. Date _____
3. Incubate sections using prediluted antibodies for 30 min.

EPOS Smooth Muscle Actin Lot # _____ Exp. Date _____
EPOS Negative Control Lot # _____ Exp. Date _____

4. Rinse slides in 2 changes of 1X Automation Buffer for 5 minutes each.

5. Apply liquid Dako DAB Chromagen for 6 minutes in the dark.

(Add 1 drop of DAB per ml of substrate)

Lot # _____ Exp date: _____

6. Rinse in tap water 3 minutes.

7. Counterstain with Modified Harris Hematoxylin for 30 seconds.

8. Rinse in tap water until water is clear.

9. Place slides in 1X Automation buffer for 1 minute with gentle agitation to blue slides.

95% Ethanol	1 change	3 minutes
100% Ethanol	3 changes	3 minutes
Xylene	2 changes	5 minutes

10. Coverslip

updated 06/25/04