

## Detection of Vimentin in Mouse Cell Lines

Reagents:

[1X Automation Buffer](#)

[3% Hydrogen peroxide](#)

[0.05% Pronase](#)

[Antibody Diluent](#)

[DAB Chromagen](#)

[Hematoxylin](#)

### **Antibody Information:**

Primary antibody: EPOS Vimentin Clone 3B4

Dako Corporation

Carpinteria, CA 93013

[www.dakousa.com](http://www.dakousa.com)

1-800-235-5763

Catalog #U7034

Negative antibody: EPOS Negative control

Dako Corporation

Carpinteria, CA 93013

[www.dakousa.com](http://www.dakousa.com)

1-800-235-5763

Catalog #U0951

### Staining Procedure

-Positive Control Tissue: Mouse 3T3 fibroblast cell lines

-Stain localization: Cytoplasmic

1. No retrieval need.
2. Rinse slides in 2 changes of 1X Automation Buffer for 5 minutes each.
3. Incubate sections using prediluted antibodies for 1hr.

EPOS Vimentin 3B4 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.
10. Dehydrate through the following solutions.

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

11. Coverslip  
updated 10/05/04