



Category: Monoclonal Antibodies **Cat. #** 1107NF-V1167 **Product Name:** Estradiol - Concentrated

Description:
Monoclonal Mouse Anti-Human Estradiol

Immunogen:
Estradiol-6-BSA.

Application:
Immunohistochemistry (frozen tissue only) 1:50-1:100. ELISA 1:1000-1:5000.

Species Reactivity:
This antibody reacts with estradiol in all animal species.

Recommended Positive Control:
Ovary

Presentation:
20 mM tris-borate, 150 mM sodium chlorida, dialyzed media RPMI 1640/D-MEM containing fetal bovine serum, BMC-6 carrier polysaccharides, carrier protien, and 0.05% Sodium Azide, pH 7.5.

Aliquoting Instructions:
Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4°C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies. When diluting for immunohistochemistry, ELISA or western blot, make the dilution in Antibody Diluting Buffer. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

Staining Procedure:
This antibody can be used on frozen tissue sections. The antibody may be used at a dilution of 1:50 to 1:100 in IHC. The optimal conditions should be determined by the individual laboratory.

Specificity:
Estradiol is a steroid hormone secreted by developing follicles of the ovary. This antibody helps researchers in studying ovarian neoplasia.

Storage:
Store at 2~8o C for short term, freeze under -20oC for long term storage.

Size: 0.5 ml
Clone: B42
Isotype: IgG1, k
Host: Mouse
Form: Concentrated
Concentration: 0.2 mg/ml
Units On Hand: YES

For Research Use Only

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