



Category: Monoclonal Antibodies **Cat. #** V7003 **Product Name:** Estrogen Receptor (Alpha-form), Middle Section

Description:
Monoclonal Mouse Anti-bovine Estrogen Receptor, Middle Section.

Immunogen:
Estrogen receptor antigens purified from calf uterus.

Application:
IP-(denatured and native) (use Protein G) (Ab. 2 micrograms/mg protein lysate).
Gel shift (Ref.1)(not tested in the lab.)(use purified antibody without azide and BSA at conc. Of (1mg/ml)
WB(No Recommended)

Species Reactivity:
Huma, bovine, rabbit and mouse, Others not tested.

Recommended Positive Control:
MCF-7 cells.

Presentation:
20 mM tris-borate, 150 mM Sodium Chloride, dialyzed media RPMI 1640/D-MEM containing fetal bovine serum, BMC-6 carrier polysaccharides, carrier protein, 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.

Specificity:
This antibody binds to human alpha-estrogen receptor at the middle section (aa 282-339; D/E domain).

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

Size: 0.2mg
Clone: B403 (AER 308)
Isotype: IgG1,k
Conjugate: n/a
Host: Mouse
Form: Purified
Concentration: 0.5 mg/ml
Units On Hand: YES

References:
1. Abbondanza, C., et.al., "Characterization and epitope mapping of a new panel of monoclonal antibodies at estradiol receptor". Steroids 58: 4-12, 1993.

For Research Use Only

Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com