



**Category:** Monoclonal Antibodies      **Cat. #** V7006      **Product Name:** Estrogen Receptor (Alpha-form), B Domain

**Description:**  
Monoclonal Mouse Anti-bovine Estrogen Receptor, B Domain

**Immunogen:**  
Estrogen receptor antigens purified from calf uterus.

**Cellular Localization:**

nuclear

**Application:**

IP (Native and denatured)

Gel shift (not tested in our lab.).

**Species Reactivity:**

Human, bovine, rabbit, mouse, rat, Others not tested.

**Recommended Positive Control:**

MCF-7 cells

Human cells 30 and 18

**Epitope:**

aa 125-165

**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 the human alpha-estrogen receptor at the B Domain (aa 120-170).

**Storage:**

Store at 2~8° C for short term, freeze under -20° C for long term storage

**Notes:**

This antibody recognizes undigested ER.

**Size:** 0.2mg

**Clone:** B406 (AER 314)

**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.

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