



**Category:**  
Monoclonal Antibodies

**Cat. #**  
V7009

**Product Name:**  
Estrogen Receptor (Alpha-form), Carboxyl Terminal Site- B409

**Description:**  
Monoclonal Mouse Anti-bovine Estrogen Receptor, Carboxyl Terminal Site

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

**Application:**  
Ip(native and denatured)

**Species Reactivity:**  
Human, bovine, 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 the human alpha-estrogen receptor at the carboxyl terminal site (aa 495-595; E/F domain).

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

**Size:** 0.2mg  
**Clone:** B409 (AER 320)  
**Isotype:** IgG2a,k  
**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**

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