**Estrogen Receptor (ER) [EP1]**
Concentrated and Prediluted Rabbit Monoclonal Antibody
Control Number: 903-3129-012115

**Catalog Number:**
- ACA 3129 A, B
- APA 3129 AA

**Description:**
- 0.1, 0.5 ml, concentrated
- 6.0 ml, prediluted

**Dilution:**
- 1:25-1:50, Ready-to-use

**Diluent:**
- Van Gogh Yellow
- N/A

**Intended Use:**
Analyte Specific Reagent. Analytical and performance characteristics are not established.

**Summary & Explanation:**
Human estrogen receptor (ER) alpha acts as an estrogen-dependent, nuclear hormone receptor. ER is present in the nuclei of epithelial cells in normal breast and in endometrial tissues, as well as in a subset of breast carcinomas. The EP1 clone is a high affinity rabbit monoclonal antibody directed against an epitope in the N-terminus A/B domain of the ER alpha molecule (1). EP1 has been shown to stain formalin-fixed paraffin-embedded tissues (1-2). Estrogen Receptor [EP1] has been validated against and has been shown to be highly concordant with both [SP1] and the cocktail of [1D5] and [ER-2-123] (1-2).

**Source:** Rabbit monoclonal

**Clone:** EP1

**Isotype:** IgG

**Known Applications:**
Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

**Supplied As:** Buffer with protein carrier and preservative

**Storage and Stability:**
Store at 2°C to 8°C. Do not use after expiration date printed on vial. If reagents are stored under conditions other than those specified in the package insert, they must be verified by the user. Diluted reagents should be used promptly; any remaining reagent should be stored at 2°C to 8°C.

**Analyst Specific Reagent Note:**
The Estrogen Receptor (ER) [EP1] antibody has been quality controlled by IHC using Biocare's MACH 4 Detection System with antigen retrieval. However, it is the responsibility of the laboratory or end-user to develop their own protocol and label appropriate disclaimer.

**References:**

Produced using Abcam’s RabMAb® technology. RabMAb® technology is covered by the following U.S. Patents, No. 5,675,063 and/or 7,429,487.