

# PR (ZR4)

## Rabbit Monoclonal Antibody

**Specificity:** Humans

**Immunogen:** Recombinant protein encoding human progesterone receptor 412-526 aa

**Ig Class:** IgG

**Storage:** Store at 2-8°C for up to 2 years for concentrate form and 1 year for predilute form

**Staining procedures:** Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:200-400. *Positive Control:* Breast carcinoma. *Localization:* Nuclear. *Intended Use:* Analyte Specific Reagent (ASR).

**Description:** The progesterone receptor (PR) is an estrogen regulated protein. It has been proposed that expression of PR determination indicates a responsive estrogen receptor (ER) pathway, and therefore, may predict likely response to endocrine therapy in human breast cancer. A number of studies have shown that PR determination provides supplementary information to ER, both in predicting response to endocrine therapy and estimating survival. PR has proved superior to ER as a prognostic indicator in some studies.

**Intended Use:** This antibody is intended for Analyte Specific Reagent (ASR). PR (ZR4) rabbit monoclonal primary antibody is intended for laboratory use in the detection of PR in formalin-fixed, paraffin-embedded tissue by immunohistochemical (IHC) staining. The staining results should be interpreted by qualified pathologists in conjunction with the patient's relevant clinical history.

**Supplied As:** Purified antibody in Tris-HCl buffer containing stabilizing protein and <0.1% sodium azide.

### References:

1. Press M, et al. Steroids. 2002; 67:799-813.
2. National Committee for Clinical Laboratory Standards (NCCLS). Protection of laboratory workers from infectious diseases transmitted by blood and tissue; proposed guideline. Villanova, PA 1991; 7(9).

**REF** Z2023RL-A/ Z2023RS-A/ Z2023RT-A/ Z2023RP-A (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)