

**DRM002****Monoclonal Antibody to Progesterone receptor - Supernatant****Alternate names:**

NR3C3, Nuclear Receptor Subfamily 3 Group C Member 3, PGR, PR

**Quantity:**

0.5 ml

**Background:**

The progesterone receptor (PgR) is an estrogen-regulated protein. It has been proposed that expression of PgR 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 PgR determination provides supplementary information to ER, both in predicting response to endocrine therapy and estimating survival. PgR has proved superior to ER as a prognostic indicator in some studies.

**Uniprot ID:**[P06401](#)**NCBI:**[NP\\_000917.3](#)**GeneID:**[5241](#)**Host / Isotype:**

Rabbit / IgG

**Clone:**

SP2

**Immunogen:**

Recombinant protein encoding human progesterone receptor 412-526 aa

**Format:****State:** Liquid tissue culture supernatant containing sodium azide as preservative**Applications:**

Western Blot.

Immunohistochemistry on formalin-fixed paraffin embedded sections: dilute 1:100 in an ABC method (30 minutes at room temperature).

Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.

Recommended Positive Control: Breast Carcinoma

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:**

This antibody is reactive with Progesterone Receptor alpha (PR).

Cellular Localization: Nuclear

**Species:** Human.

Other species not tested.

**Storage:**

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

**General Readings:**

1. Cano et al. Diag Cytopathol 29: 207, 2003.