

## Product datasheet for **DRM002**

### Progesterone Receptor (PGR) Rabbit Monoclonal Antibody [Clone ID: SP2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	SP2
Applications:	IHC, WB
Recommended Dilution:	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
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Recombinant protein encoding human progesterone receptor 412-526 aa
Specificity:	This antibody is reactive with Progesterone Receptor alpha (PR). Cellular Localization: Nuclear
Formulation:	State: Supernatant State: Liquid tissue culture supernatant containing sodium azide as preservative
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
Gene Name:	progesterone receptor
Database Link:	<a href="#">Entrez Gene 5241 Human P06401</a>



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**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.

**Synonyms:** PR, PGR, NR3C3