

## Product datasheet for **TA355340**

### Progesterone Receptor (PGR) Mouse Monoclonal Antibody [Clone ID: 1A6]

#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Clone Name:           | 1A6   |
| Applications:         | IHC   |
| Recommended Dilution: | 1:400   |
| Reactivity:           | Human   |
| Host:                 | Mouse   |
| Isotype:              | IgG1  |
| Clonality:            | Monoclonal  |
| Immunogen:            | Synthetic peptide corresponding to a site of predicted high antigenicity on the human progesterone receptor   |
| Specificity:          | Human progesterone receptor   |
| Formulation:          | Liquid tissue culture supernatant containing sodium azide as a preservative   |
| Conjugation:          | Unconjugated  |
| Storage:              | Store at 2-8°C  |
| Stability:            | 12 months   |
| Gene Name:            | progesterone receptor   |
| Database Link:        | <a href="#">Entrez Gene 5241 Human P06401</a>   |
| Background:           | <p>The human progesterone receptor (PR) is expressed as two isoforms, PRA (94 kD) and PRB (114 kD), which function as ligand-activated transcription factors. These two isoforms are transcribed from distinct estrogen receptor (ER)-inducible promoters within a single copy PR gene.</p> <p>The PRA form is a truncated version of the PRB form, lacking the first 164 N-terminal amino acids. In humans, PRA acts as a transdominant repressor of the transcriptional activity of PRB, glucocorticoid receptor, ER, androgen receptor and mineralocorticoid receptor. PRB functions mainly as a transcriptional activator. PRB is expressed strongly in endometrial glandular and stromal nuclei in the proliferative phase of the menstrual cycle and weakly during the secretory phase and early pregnancy.</p> |



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Synonyms: NR3C3; PR