

## Mouse Anti Progesterone/OHP Monoclonal Antibody

DMABT-49182MP Mouse(PGR)

Lot. No. (See product label)

### PRODUCT INFORMATION

|                         |                                                                   |
|-------------------------|-------------------------------------------------------------------|
| <b>Product Overview</b> | Mouse Anti Progesterone/OHP                                       |
| <b>Immunogen</b>        | 17-alpha-hydroxy Progesterone conjugated to bovine serum albumin. |
| <b>Host</b>             | Mouse                                                             |
| <b>Isotype</b>          | IgG3                                                              |
| <b>Species</b>          | Broad                                                             |
| <b>Clone</b>            | 3T25 (CHO/07/956)                                                 |
| <b>Conjugation</b>      | N/A                                                               |
| <b>Applications</b>     | ELISA,                                                            |

### PACKAGING

|                              |                                                                                                                                                                                                                                                                                                                     |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Format</b>                | Purified IgG - liquid                                                                                                                                                                                                                                                                                               |
| <b>Protein Concentration</b> | IgG concentration 1.0 mg/ml                                                                                                                                                                                                                                                                                         |
| <b>Buffer</b>                | Phosphate buffered saline                                                                                                                                                                                                                                                                                           |
| <b>Storage</b>               | Store at +4 centigrade or at -20 centigrade if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |
| <b>Preservative</b>          | 0.09% Sodium Azide (NaN <sub>3</sub> )                                                                                                                                                                                                                                                                              |
| <b>Shelf Life</b>            | 18 months from date of despatch.                                                                                                                                                                                                                                                                                    |

### BACKGROUND

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| <b>Introduction</b> | Progesterone is a sexual hormone and belongs to the group of gestagens. These female sexual hormones are produced in the placenta and adrenal cortex. The female sexual hormones, of which progesterone is the main representative, influence the female sexual organs together with the estrogens. The special function of the gestagens, especially progesterone lies in the regulation of the ovary nidation, the support of the pregnancy and the coordination of the body temperature (1,2,3). The secretion of the gestagens is controlled by the pituitary gland. In the blood, only 2-10% of progesterone appears unbound. The remainder is coupled to corticoid-binding globulin (CBG), sex-hormone-binding globulin (SHBG) and albumin. Normally the serum concentration of the hormone is low in animal blood. In plasma of pregnant animals, however, or in plasma of animals illegally treated with hormones, significantly higher levels can be found. |
| <b>Keywords</b>     | Pregn 4 ene 3 20 dione; 17alpha-Progesterone; 3,20-Pregnene-4; 4-Pregnen-3,20-dion; progestin; PROGESTERONE; gynoluton; Gynolutone; Hormoflaveine; Hormoluton; Progesterone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |