

Mouse Anti Progesterone Monoclonal Antibody

DMABT-49173MP Mouse(PGR)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Mouse Anti Progesterone
Immunogen	Progesterone conjugated to bovine serum albumin.
Host	Mouse
Isotype	IgG2b
Species	Broad
Clone	2299/455
Conjugation	N/A
Applications	ELISA,
Dilution	ELISA: 1/5,000 - 1/15,000

PACKAGING

Format	Purified IgG - liquid
Protein Concentration	IgG concentration 1.0 mg/ml
Buffer	Phosphate buffered saline
Storage	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.
Preservative	0.09% Sodium Azide (NaN ₃)
Shelf Life	18 months from date of despatch.

BACKGROUND

Introduction	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.
Keywords	Pregn 4 ene 3 20 dione; 17alpha-Progesterone; 3,20-Pregnene-4; 4-Pregnen-3,20-dion; progestin; PROGESTERONE; gynoluton; Gynolutone; Hormoflaveine; Hormoluton; Progesterone