



Anti-Progesterone monoclonal antibody, clone 0C5 (DMABT-49178MP)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse Anti Progesterone monoclonal antibody
Immunogen	Progesterone conjugated to bovine serum albumin at position 3.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Broad
Clone	0C5
Conjugate	Unconjugated
Applications	IHC, ELISA, FC, RIA, WB
Format	Purified IgG - liquid
Concentration	Lot specific
Size	1 mg
Buffer	0.05M Phosphate, pH 7.15 with 0.85% Sodium Chloride
Preservative	0.05% Sodium Azide
Storage	Store at +4 °C or at -20 °C 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.

BACKGROUND

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