Datasheet for ABIN6938247
anti-Progesterone antibody

Overview

Quantity:	100 µg
Target:	Progesterone
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Progesterone antibody is un-conjugated
Application:	ELISA, Coating (Coat), Radioimmunoassay (RIA)

Product Details

Immunogen:	Progesterone hemisuccinate conjugated to bovine serum albumin
Clone:	6-5E-3F
Isotype:	IgG1 kappa
Specificity:	This MAb is specific for progesterone. It exhibits minimal cross reactivity with related compounds in ELISA. It reacts with Progesterone-11a-HMS-BSA: 100 % , 5-beta-Pregnane-3,20-dione: 48 %, 5-alpha-Pregnane-3,20-dione: 26.4 %, 17-alpha-Hydroxyprogesterone: 2.5 %, 20-alpha-Hydroxyprogesterone: 0.04 %. Progesterone is a steroid hormone synthesized from the cholesterol derivative, pregnenolone, in the cortex of the adrenal gland. Progesterone is secreted by the corpus luteum and acts to prepare the endometrium for the implantation of a fertilized egg. During pregnancy, it is secreted by the placenta to prevent spontaneous abortion and to stimulate the development of mammary tissue to produce milk. Thus, progesterone plays a central role in the reproductive events associated with the establishment and maintenance of pregnancy. Luteinized theca cells of normal ovary secrete progesterone. The

Product Details

	determination of progesterone concentrations in the body fluids is of great value for endocrinological investigations in women. This MAb may prove useful in identification of ovarian tumors.
Purification:	Purified by Protein A/G

Target Details

Target:	Progesterone
Abstract:	Progesterone Products
Target Type:	Hormone
Molecular Weight:	314.46Da

Application Details

Application Notes:	Positive Control: Ovary or Placenta. Known Application: ELISA (For coating, order Ab without BSA), Radioimmnoassay (RIA)
Restrictions:	For Research Use only

Handling

Buffer:	10 mM PBS without BSA and without Azide.
Preservative:	Azide free
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months.
Expiry Date:	24 months