

Datasheet for ABIN6941323  
**anti-Progesterone antibody**



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2 Images

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

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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

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Target: Progesterone

Abstract: [Progesterone Products](#)

Target Type: Hormone

Molecular Weight: 314.46Da

## Application Details

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Application Notes: Positive Control: Ovary or Placenta.  
Known Application: ELISA (For coating, order Ab without BSA), Radioimmunoassay (RIA)

Restrictions: For Research Use only

## Handling

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Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

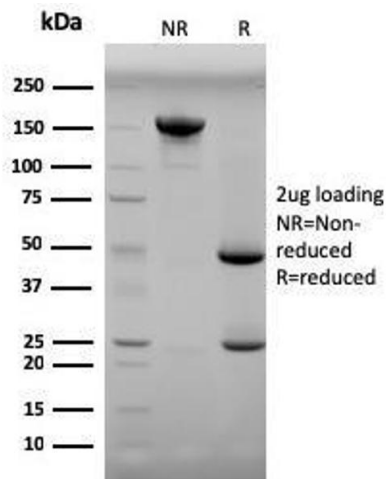
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

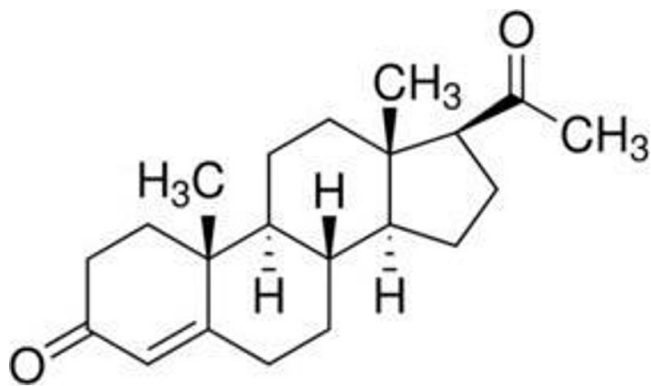
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified Progesterone Mouse Monoclonal Antibody (6-5E-3F). Confirmation of Purity and Integrity of Antibody



### Molecule

**Image 2.** Molecular Structure of Progesterone