

Prog Antibody /Prog 抗体

Ver 2024.06

Cat.No.	Name	Clone	Source
货号	产品名称	克隆号	来源
FAB-P010-5E4	Prog Antibody-5E4	5E4	CHO/哺乳动物细胞

Specificity/特异性:Human Prog**Isotype/抗体类型:** Human IgG1**Form/状态:** Liquid/液体**Buffer/缓冲液:** 50 mM Na-citrate,150mM NaCl, pH 7.0,0.03%Proclin300**Purification Method/纯化方式:** Affinity purified/亲和纯化**Purity/纯度:** $\geq 95\%$ by SDS-PAGE**Storage/储存方式:** Shipped at 2-8 °C. Upon delivery aliquot and store at $-20^{\circ}\text{C}\pm 5^{\circ}\text{C}$. Avoid freeze/thaw cycles./运输时请保持在 2-8°C。送达后请分装并储存在 $-20^{\circ}\text{C}\pm 5^{\circ}\text{C}$ 。避免冻融循环。**Application/应用:** LFIA/免疫层析, CLIA/化学发光

Platform	Capture	Detection
平台	包被	标记
CLIA/化学发光	Prog-BSA	5E4
LFIA/免疫层析	Prog-BSA	5E4

Background: Progesterone belongs to a class of hormones called progestogens, and together with estrogen, it regulates the hypothalamic-pituitary-ovarian axis. After ovulation in the mid-menstrual cycle, the ruptured ovarian follicle forms the corpus luteum, which secretes progesterone. Progesterone causes the uterine lining to transition from the proliferative phase to the secretory phase, maintaining its thickness until menstruation occurs. As the corpus luteum regresses, progesterone levels in the blood plummet, leading to shedding of the uterine lining and menstruation. In the late luteal phase of the menstrual cycle, progesterone stimulates the growth of glands within the endometrium, increasing its thickness to provide favorable conditions for implantation of a fertilized egg (blastocyst) and to sustain early pregnancy.

背景: 孕酮属于一类称为孕激素的荷尔蒙, 与雌激素一起参与下丘脑-垂体-卵巢轴的调节。当月经中期卵巢排卵后, 排出卵子的卵泡会形成黄体, 由此分泌孕酮。孕酮会使子宫内膜从增生期转化为分泌期, 维持其厚度直到月经来潮时, 此时黄体萎缩, 血中孕酮浓度骤降, 于是子宫内膜剥落形成月经。孕酮在月经后期促使子宫黏膜内腺体的生长,

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内膜增厚，为受精卵（孕卵）着床及早期胚胎的营养提供有利条件并维持妊娠。

Matters Needing Attention: This product contains preservative. Standard Laboratory Practices should be followed when handling this material.

注意事项：此产品含有防腐剂。处理此材料时应遵循标准实验室操作规范。

Note: Centrifuge before opening to ensure vial contents are completely collected.

注意：在打开之前先离心，确保完全收集瓶内的内容。