

Anti-Progesterone antibody [EPPTX-R1] ab215527

重组 RabMAb

3 图像

概述

产品名称	Anti-Progesterone抗体[EPPTX-R1]
描述	兔单克隆抗体[EPPTX-R1] to Progesterone
宿主	Rabbit
经测试应用	适用于: Competitive ELISA
种属反应性	与反应: Species independent
免疫原	Chemical/ Small Molecule corresponding to Human Progesterone. The immunogen is 11 alpha-Hydroxyprogesterone hemisuccinyl-CH3 BSA.
阳性对照	Competitive ELISA: Progesterone
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPPTX-R1
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab215527于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Competitive ELISA		Use at an assay dependent concentration. Use 3-5 ng/ml.

靶标

相关性

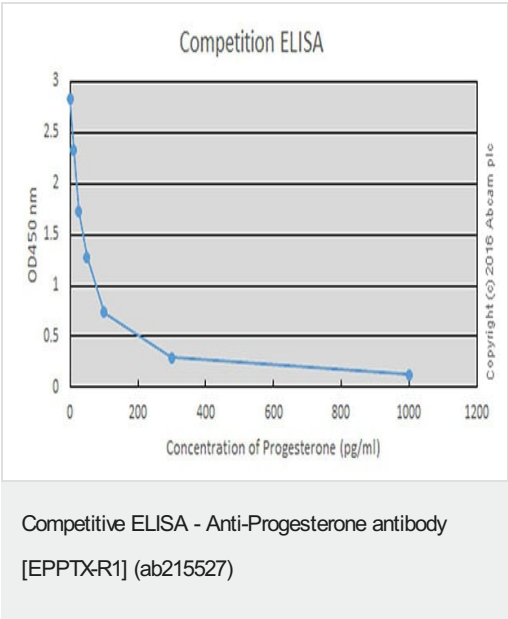
Progesterone plays a central role in the reproductive events associated with the establishment and maintenance of pregnancy. Progesterone receptor, a member of the steroid receptor superfamily, mediates the physiologic effects of progesterone. The PGR gene uses separate promoters and translational start sites to produce 2 isoforms, PRA and PRB, which are identical except for an additional 165 amino acids present only in the N terminus of PRB. Although PRA and PRB share several structural domains, they are distinct transcription factors that mediate their own response genes and physiologic effects with little overlap. It is composed of three domains: a modulating N terminal domain, a DNA binding domain and a C terminal steroid binding domain.

Progesterone levels

- men 30-60 pg/0.1ml
- women pre ovulatory phase: 20-160 pg/0.1ml; ovulatory phase: 1,000-1,700 pg/0.1ml; post ovulatory phase: 1,000-1,700 pg/0.1ml; Pregnant: 16-18 weeks: 300-800 pg/0.1ml; 28-30 weeks: 6,500-14,700 pg/0.1ml; 38-40 weeks: 12,000-19,000 pg/0.1ml.

细胞定位 Secreted

图片



Goat anti-rabbit IgG was coated onto a 96-well plate. Serial dilution of Progesterone (0, 10, 25, 50, 100, 300, 1000 pg/ml) was added (50 µl). This was followed by adding 25 µl HRP-conjugated Progesterone and 3-5 ng/ml of ab215527 (50 µl) into each well. Plates were incubated for 2 hours at room temperature by shaking. After washing, 125 µl Tetramethylbenzidine (TMB) substrate was added and incubated for 30 minutes at room temperature for color development. Then 125 ul of stopping solution (acid solution) was dispensed and OD was read at 450 nm on a microplate reader within 10 minutes.

This data was kindly provided by Pantex Division of Bio-Analysis, Inc.

Compound	% Cross-reactivity
C-21 Steroids	
Progesterone	100.000
17 α -OH-Progesterone	1.2696
Pregnenolone	0.6524
17OH-Pregnenolone	0.0036
Desoxycorticosterone	1.5584
11-Desoxycorticosterone	0.1490
Corticosterone	2.1360
Aldosterone	0.9035
Cortisol	0.2375
20 α -Dihydroprogesterone	0.2170
20 β -Dihydroprogesterone	0.1226
Pregnenolone-3-SO ₄	0.7519
C-19 Steroids	
Androstenedione	0.1144
Testosterone	0.1033
5DHT	0.0486
DHEA-SO ₄	0.0022
Androstenedione	0.0947
C-18 Steroids	
Estradiol-17 β	0.0032
Estradiol-17 α	0.0029
Estriol	0.0009
Estrone	0.0087

Competitive ELISA - Anti-Progesterone antibody
[EPPTX-R1] (ab215527)

ab215527 is specific to Progesterone and the percent cross reactivity with other compounds is demonstrated in the table.

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Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Progesterone antibody [EPPTX-R1] (ab215527)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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