

## Product datasheet

# Anti-SRD5A2 antibody [EPR6281(B)] ab124877

リコンビナント RabMAb®

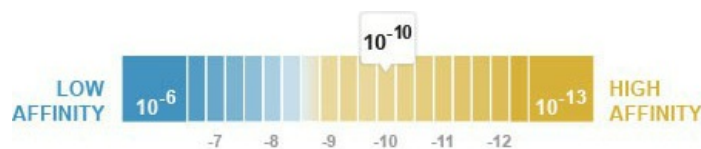
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#### 製品の概要

製品名	Anti-SRD5A2 antibody [EPR6281(B)]
製品の詳細	Rabbit monoclonal [EPR6281(B)] to SRD5A2
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IP <b>適用なし:</b> Flow Cyt, ICC/IF or IHC-P
種交差性	<b>交差種:</b> Rat, Human
免疫原	Synthetic peptide corresponding to residues near the N-terminus of Human SRD5A2 (P31213).
ポジティブ・コントロール	LnCaP, Human testis, and PC-3 cell lysates
特記事項	This product is a recombinant rabbit monoclonal antibody.  Mouse: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.  Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb® patents</a>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
解離定数 (K <sub>D</sub> 値)	K <sub>D</sub> = 3.55 x 10 <sup>-10</sup> M



[Learn more about K<sub>D</sub>](#)

バッファー	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EPR6281(B)

アイソタイプ

IgG

## アプリケーション

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Our [Abpromise guarantee](#) covers the use of **ab124877** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Detects a band of approximately 28 kDa (predicted molecular weight: 28 kDa).
IP		1/10 - 1/100.

## 追加情報

Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

## ターゲット情報

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### 機能

Converts testosterone (T) into 5-alpha-dihydrotestosterone (DHT) and progesterone or corticosterone into their corresponding 5-alpha-3-oxosteroids. It plays a central role in sexual differentiation and androgen physiology.

### 組織特異性

Expressed in high levels in the prostate and many other androgen-sensitive tissues.

### 関連疾患

Defects in SRD5A2 are the cause of pseudovaginal perineoscrotal hypospadias (PPSH) [MIM:264600]. A form of male pseudohermaphroditism in which 46,XY males show ambiguous genitalia at birth, including perineal hypospadias and a blind perineal pouch, and develop masculinization at puberty. The name of the disorder stems from the finding of a blind-ending perineal opening resembling a vagina and a severely hypospadiac penis with the urethra opening onto the perineum.

### 配列類似性

Belongs to the steroid 5-alpha reductase family.

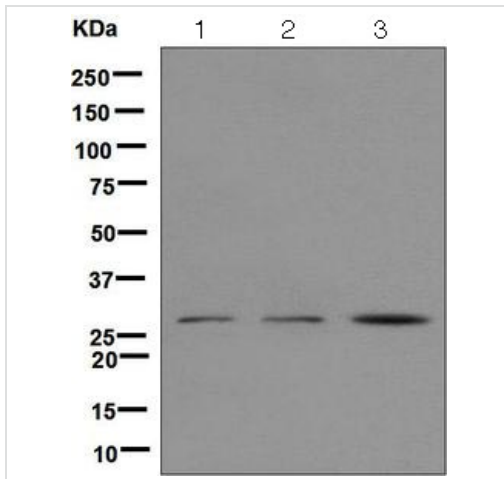
### 細胞内局在

Microsome membrane. Endoplasmic reticulum membrane.

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## 画像

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Western blot - Anti-SRD5A2 antibody [EPR6281(B)] (ab124877)

**All lanes :** Anti-SRD5A2 antibody [EPR6281(B)] (ab124877) at 1/1000 dilution

**Lane 1 :** LnCaP cell lysate

**Lane 2 :** Human testis lysate

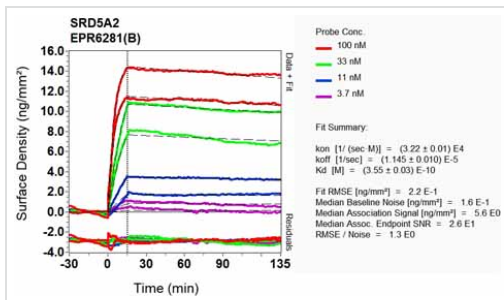
**Lane 3 :** PC3 cell lysate

Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes :** HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 28 kDa



Other-Anti-SRD5A2 antibody [EPR6281(B)] (ab124877)

Equilibrium dissociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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