

Product datasheet

Anti-SRD5A2 antibody [EPR6281(B)] ab124877

リコンビナント RabMAb®

画像数 2

製品の概要

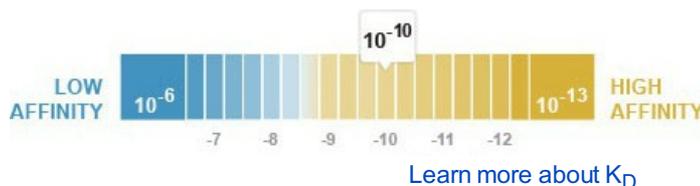
製品名	Anti-SRD5A2 antibody [EPR6281(B)]
製品の詳細	Rabbit monoclonal [EPR6281(B)] to SRD5A2
由来種	Rabbit
アプリケーション	適用あり: WB, IP 適用なし: Flow Cyt, ICC/IF or IHC-P
種交差性	交差種: Rat, Human
免疫原	Synthetic peptide corresponding to residues near the N-terminus of Human SRD5A2 (P31213).
ポジティブ・コントロール	LnCaP, Human testis, and PC-3 cell lysates
特記事項	Mouse: We have preliminary internal testing data to indicate this antibody may not react with this 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 [RabMAb® patents](#)

This product is a recombinant rabbit monoclonal antibody.

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 _D 値)	K _D = 3.55 x 10 ⁻¹⁰ M



バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant
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

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.

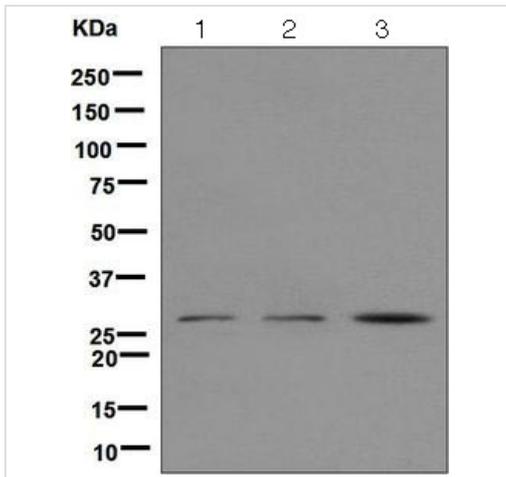
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Detects a band of approximately 28 kDa (predicted molecular weight: 28 kDa).
IP		1/10 - 1/100.

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

ターゲット情報

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.

画像



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

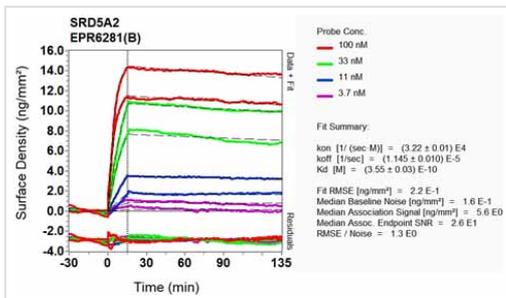
Lane 3 : PC3 cell lysate

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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