

Anti-TGF beta 1 + 2 antibody [EPR5443] ab124894

リコンビナント RabMAb

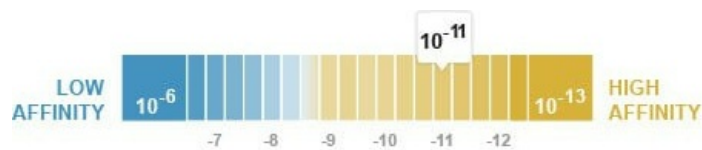
1 References [画像数 4](#)

製品の概要

製品名	Anti-TGF beta 1 + 2 antibody [EPR5443]
製品の詳細	Rabbit monoclonal [EPR5443] to TGF beta 1 + 2
由来種	Rabbit
特異性	ab124894 recognises TGF beta 1 and 2.
アプリケーション	適用あり: WB 適用なし: Flow Cyt, ICC/IF, IHC-P or IP
種交差性	交差種: Mouse, Human 非交差種: Rat
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	A549 lysate, K562 lysate and L929 lysate.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解離定数 (K _D 値)	K _D = 8.64 x 10 ⁻¹¹ M



[Learn more about K_D](#)

バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR5443
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab124894の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 44, 48 kDa.

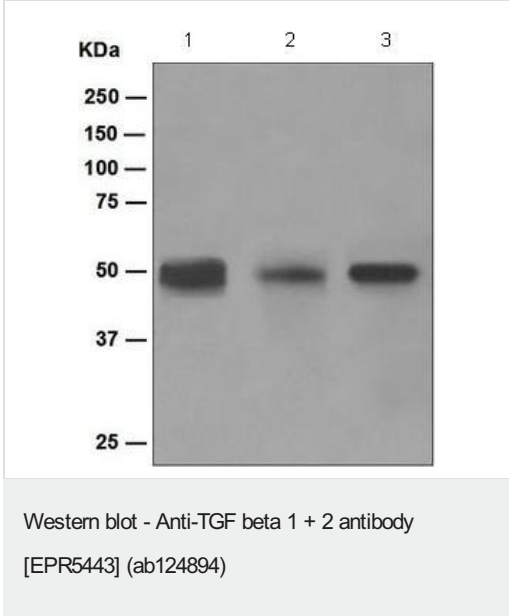
追加情報 Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

ターゲット情報

関連性 Function: TGF beta 1 is a multifunctional protein that controls proliferation, differentiation and other functions in many cell types. Many cells synthesize TGFB1 and have specific receptors for it. It positively and negatively regulates many other growth factors. It plays an important role in bone remodeling as it is a potent stimulator of osteoblastic bone formation, causing chemotaxis, proliferation and differentiation in committed osteoblasts. The inactive form consists of a TGFB1 homodimer non-covalently linked to a latency-associated peptide (LAP) homodimer. The inactive complex can contain a latent TGFB1-binding protein. The active form is a homodimer of mature TGFB1; disulfide-linked. Heterodimers of TGFB1/TGFB2 have been found in bone. Interacts with CD109 and DPT. Interacts with ASPN. Function: TGF beta 2 has suppressive effects on interleukin-2 dependent T-cell growth. Tissue specificity: TGF beta 1 is highly expressed in bone. Abundantly expressed in articular cartilage and chondrocytes and is increased in osteoarthritis (OA). Co-localizes with ASPN in chondrocytes within OA lesions of articular cartilage. Similarity: Both belong to the TGF-beta family.

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画像



All lanes : Anti-TGF beta 1 + 2 antibody [EPR5443] (ab124894) at 1/1000 dilution

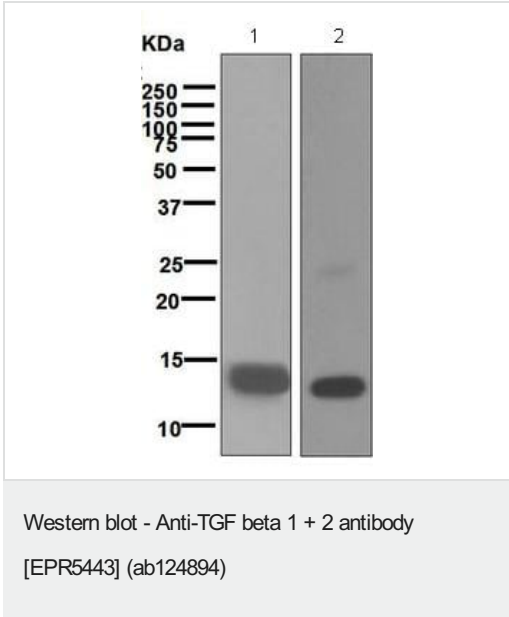
Lane 1 : A549 cell lysate

Lane 2 : K562 lysate

Lane 3 : L929 lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 44, 48 kDa



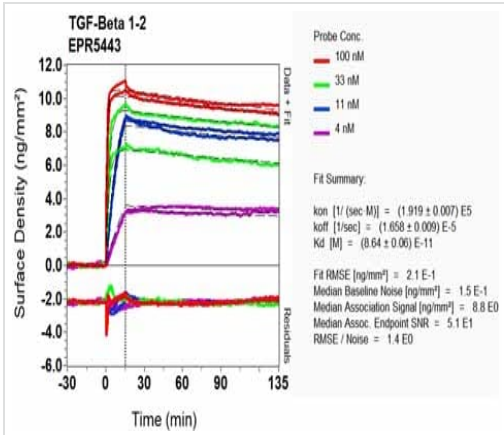
All lanes : Anti-TGF beta 1 + 2 antibody [EPR5443] (ab124894) at 1/1000 dilution

Lane 1 : TGF beta 2 recombinant protein

Lane 2 : TGF beta 1 recombinant protein

Lysates/proteins at 10 µg per lane.

Predicted band size: 44, 48 kDa



SPR Scanning - Anti-TGF beta 1 + 2 antibody
[EPR5443] (ab124894)

Equilibrium dissociation constant (K_D)

Learn more about K_D

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

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-TGF beta 1 + 2 antibody [EPR5443] (ab124894)

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