

# Anti-TGF beta 1 + TGF beta 3 antibody [EPR19867] ab205604

リコンビナント RabMAb

## 1 References [画像数 5](#)

### 製品の概要

製品名	Anti-TGF beta 1 + TGF beta 3 antibody [EPR19867]
製品の詳細	Rabbit monoclonal [EPR19867] to TGF beta 1 + TGF beta 3
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> Mouse, Rat, Human, Recombinant fragment
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: A549, K562, HL-60, L-929, C6, RAW 264.7, PC-12 and NIH/3T3 whole cell lysates; Human fetal spleen, mouse spleen and rat spleen lysates; Recombinant protein fragment human TGF beta 1 and Recombinant protein fragment human TGF beta 3.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

### 製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR19867

アプリケーション

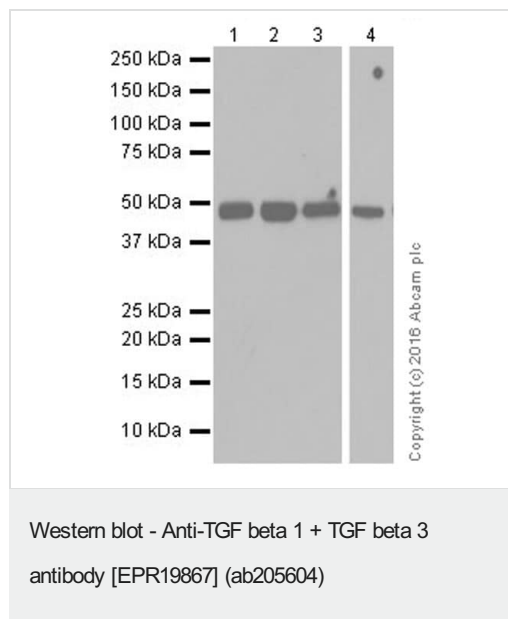
**The Abpromise guarantee** **Abpromise保証は、次のテスト済みアプリケーションにおけるab205604の使用に適用されず**  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000. Detects a band of approximately 44,12.5 kDa (predicted molecular weight: 44 kDa).

ターゲット情報

**細胞内局在** TGF beta 1: Secreted > extracellular space > extracellular matrix. TGF beta 3: Secreted.

画像



**All lanes** : Anti-TGF beta 1 + TGF beta 3 antibody [EPR19867] (ab205604) at 1/1000 dilution

**Lane 1** : A549 (Human lung carcinoma cell line) whole cell lysate

**Lane 2** : K562 (Human chronic myelogenous leukemia cell line from bone marrow ) whole cell lysate

**Lane 3** : HL-60 (Human promyelocytic leukemia cell line) whole cell lysate

**Lane 4** : L-929 (Mouse connective tissue fibroblast cell line) whole cell lysate

Lysates/proteins at 10 µg per lane.

**Secondary**

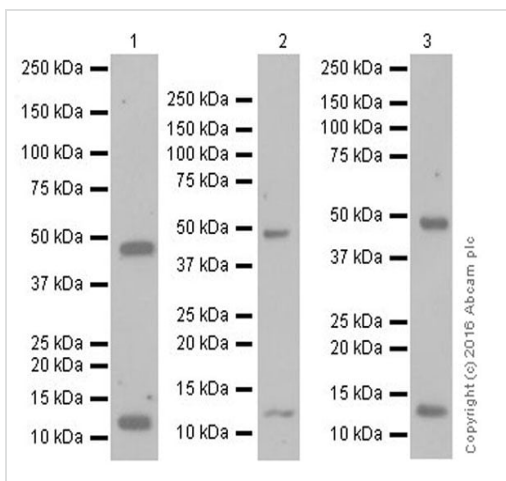
**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

**Predicted band size:** 44 kDa

**Observed band size:** 12.5,44 kDa

Blocking/Dilution buffer: 5% NFDm/TBST.

Exposure times: Lane 1-3: 30 seconds; Lane 4: 3 minutes.



Western blot - Anti-TGF beta 1 + TGF beta 3 antibody [EPR19867] (ab205604)

**Lane 1** : Anti-TGF beta 1 + TGF beta 3 antibody [EPR19867]

(ab205604) at 1/5000 dilution

**Lanes 2-3** : Anti-TGF beta 1 + TGF beta 3 antibody [EPR19867]

(ab205604) at 1/1000 dilution

**Lane 1** : Human fetal spleen tissue lysate

**Lane 2** : Rat spleen tissue lysate

**Lane 3** : Mouse spleen tissue lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**Lane 1** : Goat Anti-Rabbit IgG Peroxidase Conjugate, specific to the non-reduced form of IgG at 1/10000 dilution

**Lanes 2-3** : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/10000 dilution

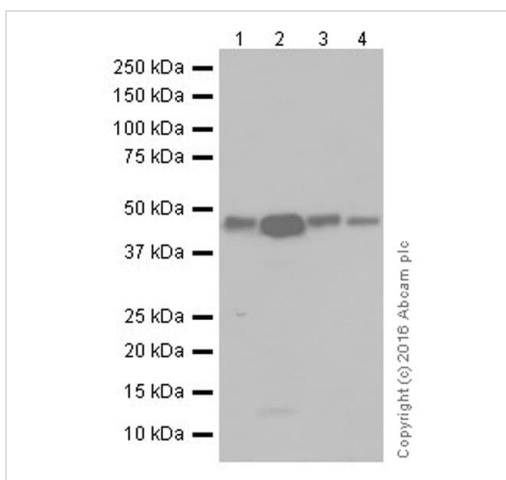
**Predicted band size:** 44 kDa

**Observed band size:** 12.5,44 kDa

**Exposure time:** 3 minutes

Blocking/Dilution buffer: 5% NFDm/TBST.

The cleaved form observed is consistent with what has been described in the literature (PMID:12717387; PMID:2139036; PMID:3208746).



Western blot - Anti-TGF beta 1 + TGF beta 3 antibody [EPR19867] (ab205604)

**All lanes** : Anti-TGF beta 1 + TGF beta 3 antibody [EPR19867]

(ab205604) at 1/1000 dilution

**Lane 1** : C6 (Rat glial tumor cell line) whole cell lysate

**Lane 2** : RAW 264.7 (Mouse macrophage cell line transformed with Abelson murine leukemia virus) whole cell lysate

**Lane 3** : PC-12 (Rat adrenal gland pheochromocytoma cell line) whole cell lysate

**Lane 4** : NIH/3T3 (Mouse embryonic fibroblast cell line) whole cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at

1/100000 dilution

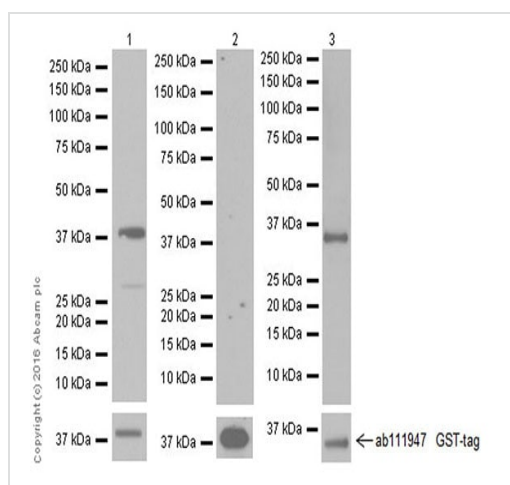
**Predicted band size:** 44 kDa

**Observed band size:** 12.5,44 kDa

**Exposure time:** 1 minute

Blocking/Dilution buffer: 5% NFDM/TBST.

The cleaved form observed is consistent with what has been described in the literature (PMID:12717387; PMID:2139036; PMID:3208746).



Western blot - Anti-TGF beta 1 + TGF beta 3 antibody [EPR19867] (ab205604)

**Lane 1 :** Anti-TGF beta 1 + TGF beta 3 antibody [EPR19867] (ab205604) at 1/10000 dilution

**Lanes 2-3 :** Anti-TGF beta 1 + TGF beta 3 antibody [EPR19867] (ab205604) at 1/1000 dilution

**Lane 1 :** Recombinant protein fragment human TGF beta 1

**Lane 2 :** Recombinant protein fragment human TGF beta 2

**Lane 3 :** Recombinant protein fragment human TGF beta 3

Lysates/proteins at 0.01 µg per lane.

### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

**Predicted band size:** 44 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.

Exposure times: Lane 1/2: 3 minutes; Lane 3: 15 seconds.

Recombinant protein fragment human TGF beta 1 contains aa279-390 with a GST-tag. Recombinant protein fragment human TGF beta 2 contains aa303-414 with a GST-tag Recombinant protein fragment human TGF beta 3 contains aa301-412 with a GST-tag. These three fragment recombinant proteins were made in-house

## 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 + TGF beta 3 antibody [EPR19867]  
(ab205604)

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