


# Anti-Tropomyosin 1 (alpha) + Tropomyosin 3 antibody [EPR5159] ab133292

リコンビナント RabMAb

★★★★★ **3 Abreviews** **4 References** 画像数 4

### 製品の概要

製品名	Anti-Tropomyosin 1 (alpha) + Tropomyosin 3 antibody [EPR5159]
製品の詳細	Rabbit monoclonal [EPR5159] to Tropomyosin 1 (alpha) + Tropomyosin 3
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P
種交差性	<b>交差種:</b> Mouse, Rat, Human <b>交差が予測される動物種:</b> Pig 
免疫原	Synthetic peptide within Human Tropomyosin 1 (alpha) aa 250-350 (C terminal). The exact sequence is proprietary.
ポジティブ・コントロール	Human skeletal muscle, Human heart, HUVEC, C6, RAW 264.7, PC12 and NIH 3T3 cell lysates; Human muscle tissue.
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. Stable for 12 months at -20°C.
バッファー	<p>pH: 7.2</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>

精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR5159
アイソタイプ	IgG

## アプリケーション

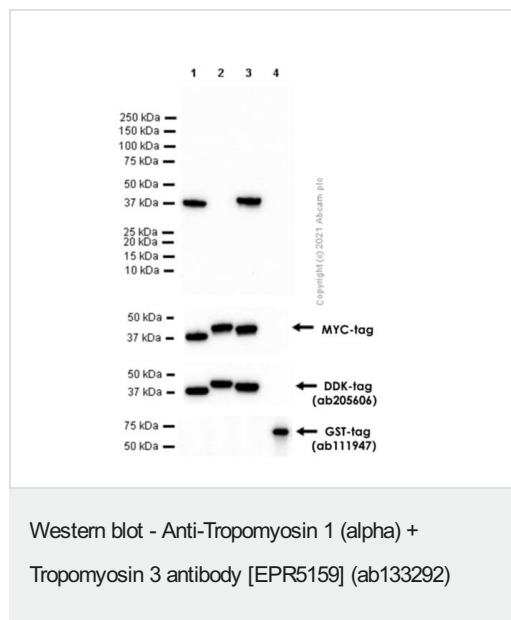
**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab133292の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/1000 - 1/10000. Detects a band of approximately 32-41 kDa (predicted molecular weight: 33 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

## ターゲット情報

**細胞内局在** Tropomyosin 1 (alpha): Cytoplasm > cytoskeleton. Tropomyosin 3: Cytoplasm > cytoskeleton.

## 画像



**All lanes** : Anti-Tropomyosin 1 (alpha) + Tropomyosin 3 antibody [EPR5159] (ab133292) at 1/1000 dilution

**Lane 1** : MYC and DDK-tagged Recombinant Human TPM1 protein (Full length)

**Lane 2** : MYC and DDK-tagged Recombinant Human TPM2 protein (Full length)

**Lane 3** : MYC and DDK-tagged Recombinant Human TPM3 protein (Full length)

**Lane 4** : GST-tagged Recombinant Human TPM4 protein (Full length)

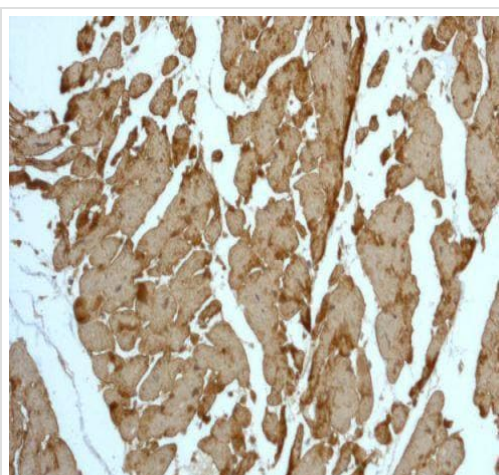
### Secondary

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution (Goat Anti-Rabbit IgG (H+L) Peroxidase conjugated)

**Predicted band size:** 33 kDa

Blocking and Diluting buffer and concentration: 5% NFDM/TBST.

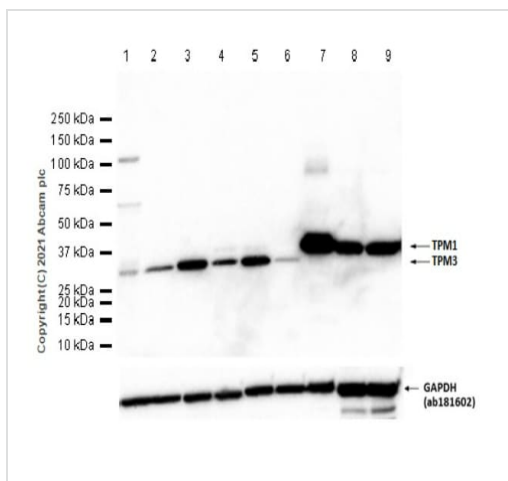
Exposure time: 20 seconds.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tropomyosin 1 (alpha) + Tropomyosin 3 antibody [EPR5159] (ab133292)

Immunohistochemical analysis of paraffin-embedded Human muscle tissue labelling Tropomyosin 1 (alpha) with ab133292 at 1/100 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-Tropomyosin 1 (alpha) + Tropomyosin 3 antibody [EPR5159] (ab133292)

**All lanes :** Anti-Tropomyosin 1 (alpha) + Tropomyosin 3 antibody [EPR5159] (ab133292) at 1/1000 dilution

**Lane 1 :** HT-1080 (Human fibrosarcoma epithelial cell) whole cell lysate

**Lane 2 :** HUVEC (Human umbilical vein endothelial cell) whole cell lysate

**Lane 3 :** Raw264.7 (Mouse Abelson murine leukemia virus-induced tumor macrophage) whole cell lysate

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

**Lane 5 :** C6 (Rat glial tumor glial cell) whole cell lysate

**Lane 6 :** PC-12 (Rat adrenal gland pheochromocytoma) whole cell lysate

**Lane 7 :** Human skeletal muscle tissue lysate

**Lane 8 :** Mouse skeletal muscle tissue lysate

**Lane 9 :** Rat skeletal muscle tissue lysate

Lysates/proteins at 20 µg per lane.

## Secondary

**All lanes :** Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

**Predicted band size:** 33 kDa

**Observed band size:** 32,37 kDa




**Exposure time:** 10 seconds

Blocking and Diluting buffer and concentration: 5% NFDm/TBST.

Exposure time: 10 seconds.

The band sizes observed are consistent with PMID: 9168473,  
PMID: 22965424, PMID: 16765662.

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

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

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