

### Anti-Tenascin C antibody [EB2] ab88280

KO 評価済

★★★★☆ 2 Abreviews 5 References 画像数 2

#### 製品の概要

製品名	Anti-Tenascin C antibody [EB2]
製品の詳細	Mouse monoclonal [EB2] to Tenascin C
由来種	Mouse
特異性	ab88280 reacts with the 4th and 5th fibronectin repeats of human Tenascin C polypeptides.
アプリケーション	適用あり: IHC-Fr, WB
種交差性	交差種: Human
免疫原	Purified Tenascin C from human fetal fibroblasts.
ポジティブ・コントロール	Vulva carcinoma
特記事項	<p>ab88280 is derived from the hybridoma produced by fusion between myeloma cells and Balb/c spleen cells.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.09% Sodium azide Constituents: 1% BSA, PBS
精製度	Protein G purified
一次抗体 備考	ab88280 is derived from the hybridoma produced by fusion between myeloma cells and Balb/c spleen cells.

ポリ/モノ	モノクローナル
クローン名	EB2
アイソタイプ	IgG1

### アプリケーション

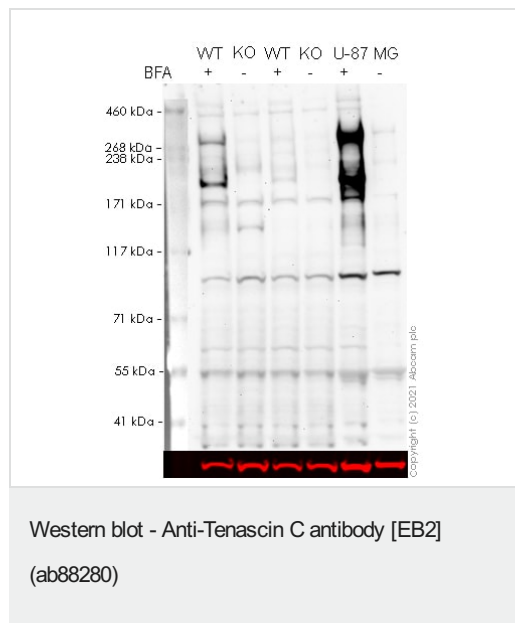
**The Abpromise guarantee**      **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab88280の使用に適用されます  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-Fr		Use at an assay dependent concentration.
WB		1/1000. Predicted molecular weight: 241 kDa.

### ターゲット情報

機能	Extracellular matrix protein implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity as well as neuronal regeneration. Promotes neurite outgrowth from cortical neurons grown on a monolayer of astrocytes. Ligand for integrins alpha-8/beta-1, alpha-9/beta-1, alpha-V/beta-3 and alpha-V/beta-6.
配列類似性	Belongs to the tenascin family. Contains 15 EGF-like domains. Contains 1 fibrinogen C-terminal domain. Contains 15 fibronectin type-III domains.
細胞内局在	Secreted > extracellular space > extracellular matrix.

### 画像



**All lanes :** Anti-Tenascin C antibody [EB2] (ab88280) at 1/1000 dilution

**Lane 1 :** Wild-type U-2 OS Treated BFA (5 ug/mL, 6 h) cell lysate

**Lane 2 :** TNC knockout U-2 OS Treated BFA (5 ug/mL, 6 h) cell lysate

**Lane 3 :** Wild-type U-2 OS Vehicle Control BFA (0 ug/mL, 6 h) cell lysate

**Lane 4 :** TNC knockout U-2 OS Vehicle Control BFA (0 ug/mL, 6 h) cell lysate

**Lane 5 :** U-87 MG Treated BFA (5ug/mL, 6h) cell lysate

**Lane 6 :** U-87 MG cell lysate

Lysates/proteins at 40 µg per lane.

Performed under reducing conditions.

**Predicted band size:** 241 kDa

**Observed band size:** 200,270 kDa

False colour image of Western blot: Anti-Tenascin C antibody [EB2] staining at 1/1000 dilution, shown in green; Rabbit anti-ACTN4 [EPR2533(2)] ([ab108198](#)) loading control staining at 1/20000 dilution, shown in red. In Western blot, ab88280 was shown to bind specifically to Tenascin C. A band was observed at 200/270 kDa in treated wild-type U-2 OS cell lysates with no signal observed at this size in TNC knockout cell line [ab262488](#) (knockout cell lysate [ab263924](#)). To generate this image, wild-type and TNC knockout U-2 OS cell lysates were analysed. First, samples were run on an SDS-PAGE gel then transferred onto a nitrocellulose membrane. Membranes were blocked in 2 % BSA in TBS-0.1 % Tween<sup>®</sup> 20 (TBS-T) before incubation with primary antibodies overnight at 4 °C. Blots were washed four times in TBS-T, incubated with secondary antibodies for 1 h at room temperature, washed again four times before development with Optiblot (ECL reagent [ab133456](#)) and imaged with 16 minutes exposure time. Secondary antibodies used were HRP conjugated Goat anti-Mouse (H+L) and Goat anti-Rabbit IgG H&L (IRDye<sup>®</sup> 680RD) preabsorbed ([ab216777](#)) at 1/20000 dilution.



Immunohistochemistry (Frozen sections) - Anti-Tenascin C antibody [EB2] (ab88280)

ab88280, staining Tenascin C in vulva carcinoma frozen tissue sections by Immunohistochemistry.

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

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