

Anti-Tenascin C antibody [EB2] ab88280

敲除验证

★★★★★ [2 Abreviews](#) [5 References](#) [2 图像](#)

概述

产品名称	Anti-Tenascin C抗体[EB2]
描述	小鼠单克隆抗体[EB2] to Tenascin C
宿主	Mouse
特异性	ab88280 reacts with the 4th and 5th fibronectin repeats of human Tenascin C polypeptides.
经测试应用	适用于: IHC-Fr, WB
种属反应性	与反应: Human
免疫原	Purified Tenascin C from human fetal fibroblasts.
阳性对照	Vulva carcinoma
常规说明	<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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.09% Sodium azide Constituents: 1% BSA, PBS
纯度	Protein G purified
Primary antibody说明	ab88280 is derived from the hybridoma produced by fusion between myeloma cells and Balb/c spleen cells.

克隆	单克隆
克隆编号	EB2
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab88280于以下的经测试应用

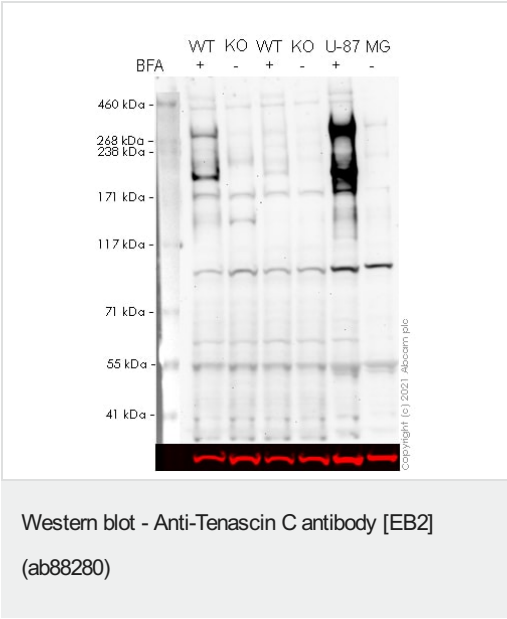
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-Fr		Use at an assay dependent concentration.
WB		1/1000. Predicted molecular weight: 241 kDa.

靶标

功能	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.
序列相似性	Belongs to the tenascin family. Contains 15 EGF-like domains. Contains 1 fibrinogen C-terminal domain. Contains 15 fibronectin type-III domains.
细胞定位	Secreted > extracellular space > extracellular matrix.

图片



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® 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® 680RD) preabsorbed ([ab216777](#)) at 1/20000 dilution.



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

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

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors