

Anti-ADAMTS1 antibody [OT11B4] ab236497

1 图像

概述

产品名称	Anti-ADAMTS1抗体[OT11B4]
描述	小鼠单克隆抗体[OT11B4] to ADAMTS1
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Recombinant fragment corresponding to Human ADAMTS1 aa 400-650. Produced in E.coli (NP_008919). Database link: Q9UHI8 Run BLAST with Run BLAST with
阳性对照	WB: pCMV6-ENTRY ADAMTS1 cDNA transfected HEK-293T cell lysate.
常规说明	Clone OT11B4 (formerly 1B4). 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. 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

性能

形式	Liquid
存放说明	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.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: PBS, 1% BSA, 50% Glycerol
纯度	Affinity purified
纯化说明	Purified from cell culture supernatant.
克隆	单克隆

克隆编号 OT11B4
同种型 IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab236497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
WB		1/2000. Predicted molecular weight: 105 kDa.

靶标

功能 Cleaves aggrecan, a cartilage proteoglycan, and may be involved in its turnover (By similarity). Has angiogenic inhibitor activity. Active metalloprotease, which may be associated with various inflammatory processes as well as development of cancer cachexia. May play a critical role in follicular rupture.

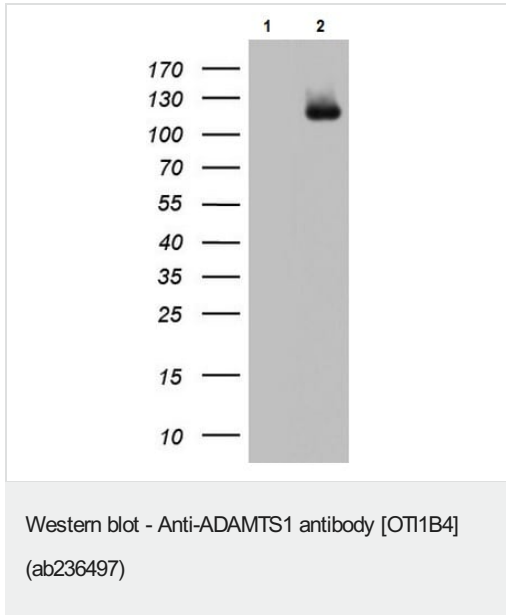
序列相似性 Contains 1 disintegrin domain.
Contains 1 peptidase M12B domain.
Contains 3 TSP type-1 domains.

结构域 The spacer domain and the TSP type-1 domains are important for a tight interaction with the extracellular matrix.
The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.

翻译后修饰 The precursor is cleaved by a furin endopeptidase.

细胞定位 Secreted > extracellular space > extracellular matrix.

图片



All lanes : Anti-ADAMTS1 antibody [OT11B4] (ab236497) at 1/2000 dilution

Lane 1 : pCMV6-ENTRY control cDNA transfected HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cell lysate

Lane 2 : pCMV6-ENTRY ADAMTS1 cDNA transfected HEK-293T cell lysate

Lysates/proteins at 5 µg per lane.

Predicted band size: 105 kDa

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

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