




### Anti-ADAMTS1 antibody ab216977

#### 3 图像

#### 概述

<b>产品名称</b>	Anti-ADAMTS1抗体
<b>描述</b>	兔多克隆抗体to ADAMTS1
<b>宿主</b>	Rabbit
<b>特异性</b>	Contains 3 TSP type-1 domains.
<b>经测试应用</b>	<b>适用于:</b> IHC-P
<b>种属反应性</b>	<b>与反应:</b> Rat, Human <b>预测可用于:</b> Mouse 
<b>免疫原</b>	Synthetic peptide within Mouse ADAMTS1 aa 900 to the C-terminus conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <b>contact</b> our Scientific Support team to discuss your requirements. Database link: <a href="#">P97857</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>阳性对照</b>	Human lung carcinoma tissue; Rat tongue tissue.
<b>常规说明</b>	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

<b>形式</b>	Liquid
<b>存放说明</b>	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.
<b>存储溶液</b>	pH: 7.40 Preservative: 0.02% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X

纯度	Protein A purified
克隆	多克隆
同种型	IgG

## 应用

**The Abpromise guarantee** **Abpromise™** 承诺保证使用ab216977于以下的经测试应用

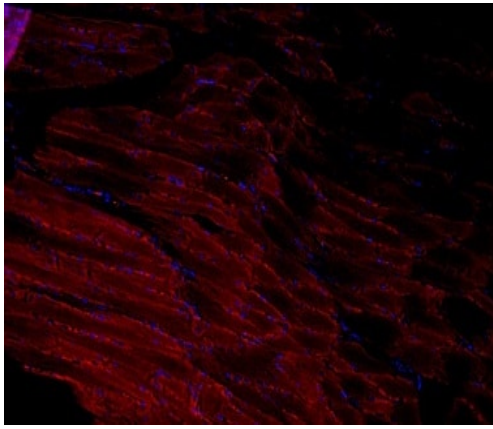
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/100 - 1/500. When using a fluorescent probe the recommended dilution is 1/50 – 1/200.

## 靶标

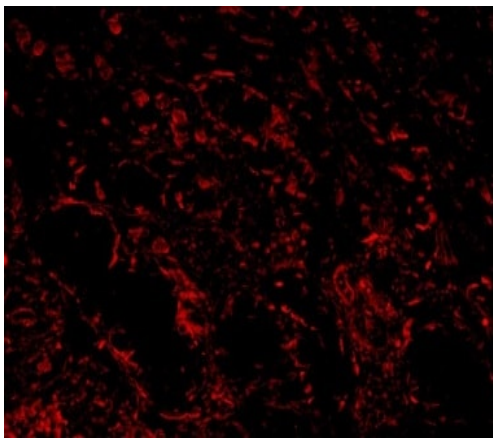
功能	Cleaves aggrecan, a cartilage proteoglycan, and may be involved in its turnover (By similarity). Has angiogenic inhibitor activity. Active metalloprotease, which may be associated with various inflammatory processes as well as development of cancer cachexia. May play a critical role in follicular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



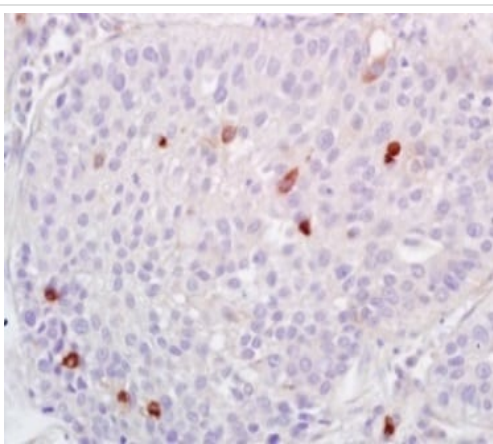
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ADAMTS1 antibody (ab216977)

Immunohistochemical analysis of formalin-fixed and paraffin-embedded Rat tongue tissue labeling ADAMTS1 with ab216977 at 1/200 dilution, followed by Goat Anti-rabbit IgG, Cy3 conjugated secondary antibody at 1/200 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ADAMTS1 antibody (ab216977)

Immunohistochemical analysis analysis of formalin-fixed and paraffin-embedded Human colon carcinoma tissue labeling ADAMTS1 with ab216977 at 1/200 dilution. Followed by Goat Anti-rabbit IgG, Cy3 conjugated secondary antibody at 1/200 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ADAMTS1 antibody (ab216977)

Immunohistochemical analysis of Formalin-fixed, paraffin-embedded Human lung carcinoma tissue labeling ADAMTS1 with ab216977 at 1/200 dilution followed by conjugation to the secondary antibody and DAB staining.

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

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