




### Anti-ADAMTS5 antibody ab111918

#### 概述

产品名称	Anti-ADAMTS5抗体
描述	兔多克隆抗体to ADAMTS5
宿主	Rabbit
特异性	ab111918 is specific for ADAMTS5 and shows no cross-reactivity with other ADAMTS family members.
种属反应性	<p>预测可用于: Mouse, Rat, Horse, Cow, Human, Pig </p>
免疫原	<p>Synthetic peptide:</p> <p>KNGYQSDAKGVKTF</p> <p>(with a Cysteine residue linker), corresponding to amino acids 636-649 of Human ADAMTS5 (Q9UNA0)</p> <p> <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a></p>
常规说明	<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>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	<p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 99% PBS, 0.1% BSA</p>
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

#### 靶标

<b>功能</b>	Cleaves aggrecan, a cartilage proteoglycan, and may be involved in its turnover. May play an important role in the destruction of aggrecan in arthritic diseases. May play a role in proteolytic processing mostly during the peri-implantation period.
<b>组织特异性</b>	Expressed at low level in placenta primarily but also detected in heart and brain, cervix, uterus, bladder, esophagus, rib cartilage, chondroblastoma, fibrous tissue and a joint capsule from an arthritic patient.
<b>序列相似性</b>	Contains 1 disintegrin domain. Contains 1 peptidase M12B domain. Contains 2 TSP type-1 domains.
<b>结构域</b>	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.
<b>翻译后修饰</b>	The precursor is cleaved by a furin endopeptidase.
<b>细胞定位</b>	Secreted > extracellular space > extracellular matrix.

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

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