


### Anti-TIMP2 antibody [3A4] ab1828

★★★★★ [7 Abreviews](#) [54 References](#) [1 图像](#)

#### 概述

产品名称	Anti-TIMP2抗体[3A4]
描述	小鼠单克隆抗体[3A4] to TIMP2
宿主	Mouse
经测试应用	适用于: IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Guinea pig, Cow 
免疫原	Synthetic peptide corresponding to Human TIMP2 (N terminal).
阳性对照	IHC-P: Normal human placenta tissue.
常规说明	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a>.</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>

#### 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	Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	3A4
同种型	IgG2a

### The Abpromise guarantee

**Abpromise™** 承诺保证使用ab1828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)	Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

### 功能

Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-13, MMP-14, MMP-15, MMP-16 and MMP-19.

## 序列相似性

Belongs to the protease inhibitor I35 (TIMP) family.  
Contains 1 NTR domain.

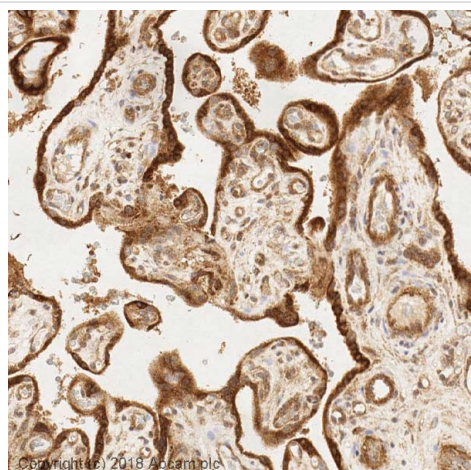
### 翻译后修饰

The activity of TIMP2 is dependent on the presence of disulfide bonds.

### 细胞定位

Secreted.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-  
embedded sections) - Anti-TIMP2 antibody [3A4]  
(ab1828)

IHC image of TIMP2 staining in a section of formalin-fixed paraffin-embedded normal human placenta\* performed on a Leica BOND™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The section was then incubated with ab1828, 1 µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX. The inset secondary-only control image is taken from an identical assay without primary antibody.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

*\*Tissue obtained from the Human Research Tissue Bank,  
supported by the NIHR Cambridge Biomedical Research Centre*

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

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