

### Anti-TIMP3 antibody ab39184

★★★★★ [6 Abreviews](#) [66 References](#) [画像数 2](#)

#### 製品の概要

製品名	Anti-TIMP3 antibody
製品の詳細	Rabbit polyclonal to TIMP3
由来種	Rabbit
特異性	ab39184 binds to TIMP3. It recognizes the glycosylated and unglycosylated forms of TIMP3, and works against native or reduced TIMP3. Ab39184 does not cross react with the other TIMP family members (TIMP1, TIMP2, TIMP4).
アプリケーション	<b>適用あり:</b> ICC/IF, WB
種交差性	<b>交差種:</b> Mouse, Human
免疫原	Synthetic peptide of TIMP3 based on loop #1 of the human TIMP3. Immunogen の所有権に関して (Peptide available as <a href="#">ab41152</a> .)
特記事項	<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>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	Preservative: 0.05% Sodium azide Constituent: 50% Glycerol
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

#### アプリケーション

## The Abpromise guarantee

**Abpromise保証は、次のテスト済みアプリケーションにおけるab39184の使用に適用されます**

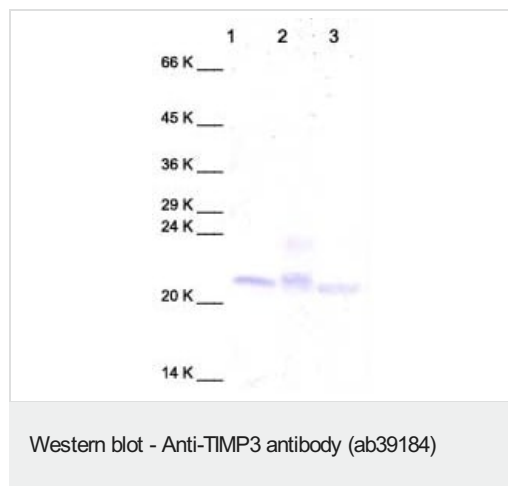
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF	★★★★☆ (2)	Use a concentration of 1 - 5 µg/ml.
WB	★★★★★ (3)	1/1000 - 1/5000. Detects a band of approximately 24, 30 kDa (predicted molecular weight: 24 kDa). Dilution optimised using Chromogenic detection.

## ターゲット情報

<b>機能</b>	Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. May form part of a tissue-specific acute response to remodeling stimuli. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-9, MMP-13, MMP-14 and MMP-15.
<b>関連疾患</b>	Defects in TIMP3 are the cause of Sorsby fundus dystrophy (SFD) [MIM:136900]. SFD is a rare autosomal dominant macular disorder with an age of onset in the fourth decade. It is characterized by loss of central vision from subretinal neovascularization and atrophy of the ocular tissues. Generally, macular disciform degeneration develops in the patients eye within 6 months to 6 years.
<b>配列類似性</b>	Belongs to the protease inhibitor I35 (TIMP) family. Contains 1 NTR domain.
<b>細胞内局在</b>	Secreted > extracellular space > extracellular matrix.

## 画像



**All lanes :** Anti-TIMP3 antibody (ab39184)

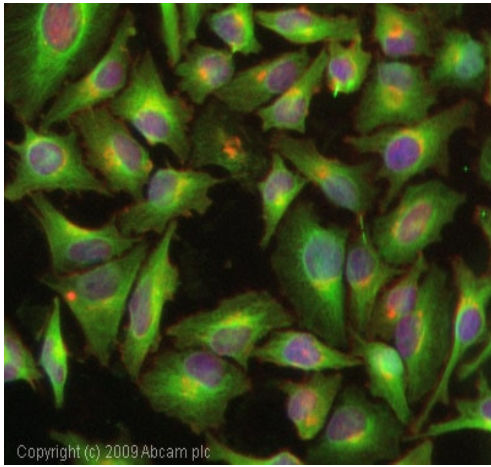
**Lane 1 :** Human TIMP3

**Lane 2 :** Mouse TIMP3

**Lane 3 :** crude control (preparation of extracellular matrix from BHK cells producing recombinant human TIMP-3)

**Predicted band size:** 24 kDa

**Observed band size:** 21 kDa



Immunocytochemistry/ Immunofluorescence - Anti-TIMP3 antibody (ab39184)

ICC/IF image of ab39184 stained HeLa cells. The cells were 4% PFA fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab39184, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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

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