

Anti-TIMP3 antibody ab39184

★★★★★ [6 Abreviews](#) [66 References](#) [2 图像](#)

概述	
产品名称	Anti-TIMP3抗体
描述	兔多克隆抗体to TIMP3
宿主	Rabbit
特异性	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).
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide of TIMP3 based on loop #1 of the human TIMP3. 参阅Abcam的专有抗源政策 (Peptide available as ab41152 .)
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&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.
存储溶液	Preservative: 0.05% Sodium azide Constituent: 50% Glycerol
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG
应用	

The Abpromise guarantee

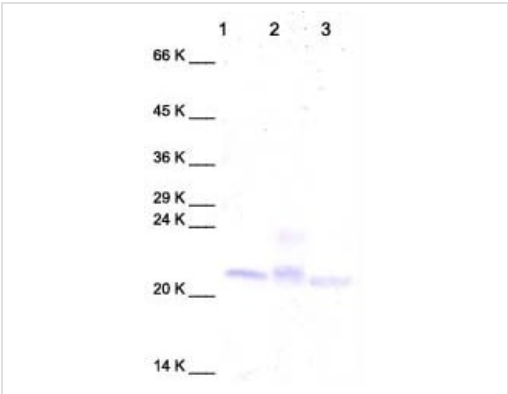
Abpromise™承诺保证使用ab39184于以下的经测试应用

“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
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.

靶标	
功能	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.
疾病相关	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.
序列相似性	Belongs to the protease inhibitor I35 (TIMP) family. Contains 1 NTR domain.
细胞定位	Secreted > extracellular space > extracellular matrix.

图片



Western blot - Anti-TIMP3 antibody (ab39184)

All lanes : Anti-TIMP3 antibody (ab39184)

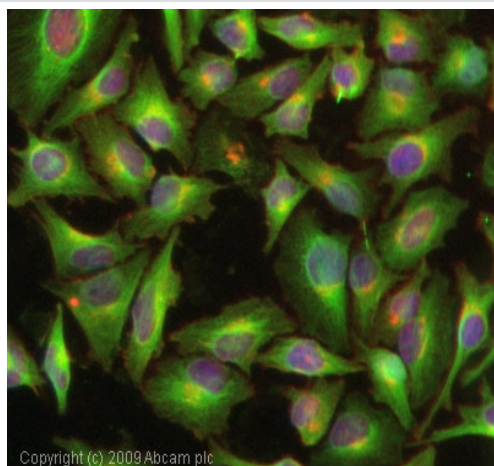
Lane 1 : Human TIMP3

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.

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