

Anti-Angiostatin antibody ab2904

★★★★★ [2 Abreviews](#) [13 References](#) [3 图像](#)

概述

产品名称	Anti-Angiostatin抗体
描述	兔多克隆抗体to Angiostatin
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide corresponding to Mouse Angiostatin aa 98-116. Sequence: VYLSECKTGIGNGYRGTM

(Peptide available as [ab4925](#))

 [Run BLAST with](#)

 [Run BLAST with](#)

常规说明

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

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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 99% PBS
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ab2904于以下的经测试应用

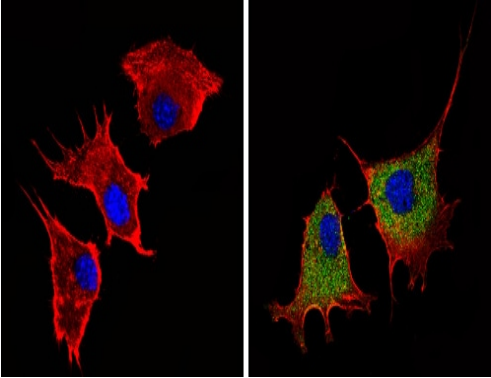
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (2)	Use a concentration of 2 µg/ml. Detects a band of approximately 38, 50 kDa (predicted molecular weight: 38 , 50 kDa).
ICC/IF		Use at an assay dependent concentration.

靶标

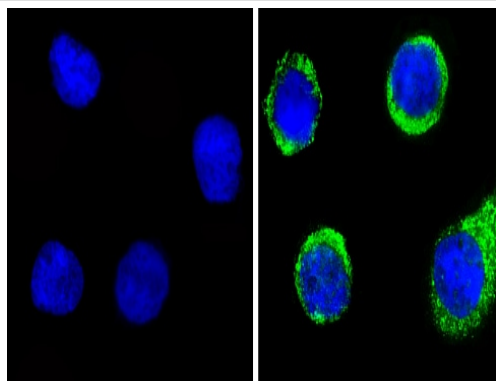
相关性	Angiostatin is an internal proteolytic fragment of plasminogen, containing at least three Kringle domains. The Kringle domains have specific anti-migratory and anti-proliferative activities. Angiostatin, an endogenous angiogenesis inhibitor, inhibits endothelial cell proliferation in vitro and angiogenesis in vivo. It is a potent and specific natural inhibitor of angiogenesis and metastatic tumor growth.
细胞定位	Secreted

图片



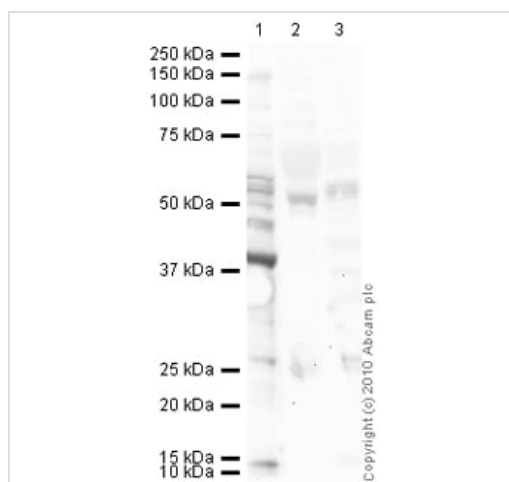
Immunocytochemistry/ Immunofluorescence - Anti-Angiostatin antibody (ab2904)

Immunocytochemistry/Immunofluorescence analysis of Angiostatin (green) showing staining in the cytoplasm of NIH-3T3 cells (right) compared to a negative control without primary antibody (left). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were incubated with ab2904 in 3% BSA-PBS at a dilution of 1:20 and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody in PBS at room temperature in the dark. F-actin (red) was stained with a fluorescent red phalloidin and nuclei (blue) were stained with Hoechst or DAPI. Images were taken at a magnification of 60x.



Immunocytochemistry/ Immunofluorescence - Anti-Angiostatin antibody (ab2904)

Immunocytochemistry/Immunofluorescence analysis of Angiostatin (green) showing staining in the cytoplasm of K562 cells (right) compared to a negative control without primary antibody (left). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with ab2904 in 3% BSA-PBS at a dilution of 1:20 and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody in PBS at room temperature in the dark. Nuclei (blue) were stained with Hoechst or DAPI. Images were taken at a magnification of 60x.



Western blot - Anti-Angiostatin antibody (ab2904)

All lanes : Anti-Angiostatin antibody (ab2904) at 1 µg/ml

Lane 1 : Human liver tissue lysate - total protein ([ab29889](#))

Lane 2 : Human Plasma Total Protein Lysate

Lane 3 : Human testis tissue lysate - total protein ([ab30257](#))

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 38 , 50 kDa

Observed band size: 38,50 kDa

Additional bands at: 27 kDa, 48 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 12 minutes

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

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