

Anti-Smoothelin antibody [R4A] ab8969

★★★★★ **5 Abreviews** **27 References** **10 图像**

概述

产品名称	Anti-Smoothelin抗体[R4A]
描述	小鼠单克隆抗体[R4A] to Smoothelin
宿主	Mouse
特异性	Reacts with the 59 kDa and 100 kDa protein, corresponding to smoothelin A and B, respectively, which are exclusively found in smooth muscle cells.
经测试应用	适用于: ICC/IF, IHC-Fr, IHC-P, WB
种属反应性	与反应: Chicken, Cat, Dog, Human, Pig, Monkey 不与反应: Mouse, Rat, Hamster
免疫原	Recombinant full length protein corresponding to Smoothelin. Derived by fusion of SP2/0-Ag14 mouse myeloma cells with spleen cells from a BALB/c mouse immunized with a cytoskeletal extract of chicken gizzard. Database link: P53814
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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	R4A
骨髓瘤	Sp2/0-Ag14

同种型

IgG1

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab8969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	★★★★★ (1)	Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
IHC-P	★★★★★ (3)	Use at an assay dependent concentration.
WB	★★★★★ (1)	1/100 - 1/1000.

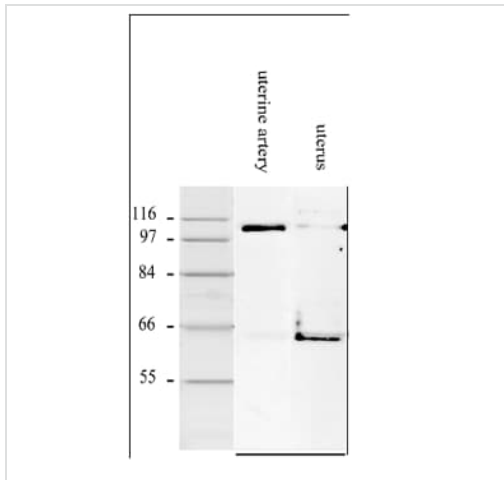
靶标

功能	Structural protein of the cytoskeleton.
组织特异性	Smooth muscle; contractile or vascular (for the long form).
序列相似性	Belongs to the smoothelin family. Contains 1 CH (calponin-homology) domain.
细胞定位	Cytoplasm > cytoskeleton. Exhibits a filamentous organization.

图片



Smooth muscle cells in swine colon as detected by ab8969 (dilution 1:100).

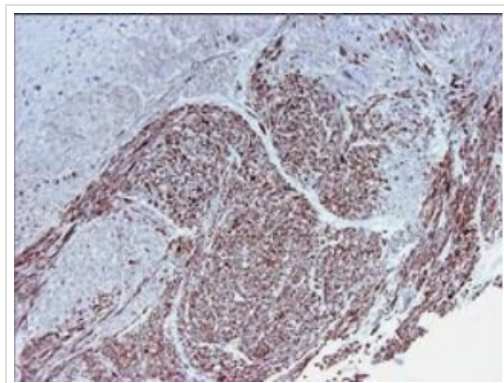


Western blot - Anti-Smoothelin antibody [R4A]
(ab8969)

All lanes : Anti-Smoothelin antibody [R4A] (ab8969)

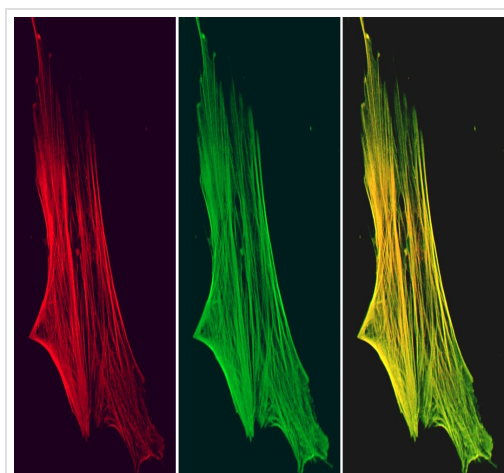
Lane 1 : Human uterine artery

Lane 2 : Human uterine corpus.



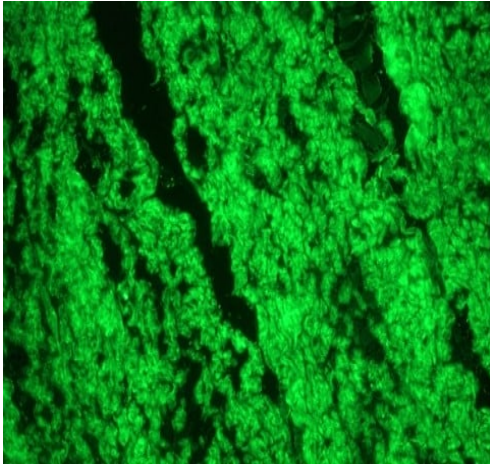
Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-Smoothelin antibody
[R4A] (ab8969)

Immunohistochemical analysis on paraffin section of human smooth
muscle labeling Smoothelin with ab8969.



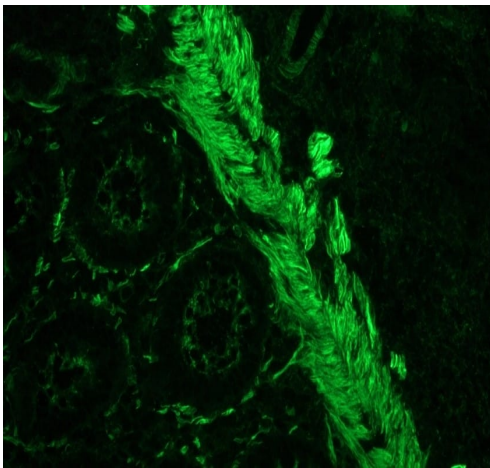
Immunocytochemistry/ Immunofluorescence - Anti-
Smoothelin antibody [R4A] (ab8969)

Indirect immunofluorescence staining of a cultured human fibroblast,
showing colocalization of smoothelin (red fluorescence; as detected
by ab8969) and actin (green fluorescence).



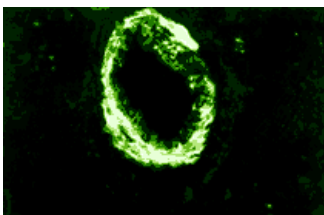
Immunohistochemistry (Frozen sections) - Anti-Smoothelin antibody [R4A] (ab8969)

Smooth muscle cells in swine colon as detected by ab8969 (dilution 1:100).



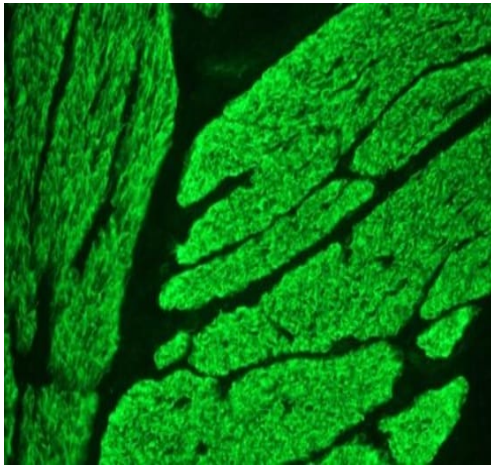
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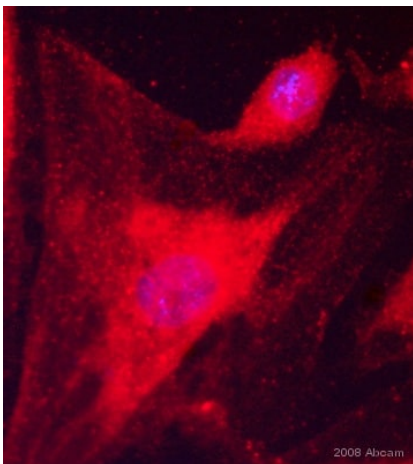
Immunocytochemistry/ Immunofluorescence - Anti-Smoothelin antibody [R4A] (ab8969)

Human blood vessel in cardiac muscle stained with the monoclonal smoothelin antibody ab8969.



Immunohistochemistry (Frozen sections) - Anti-Smoothelin antibody [R4A] (ab8969)

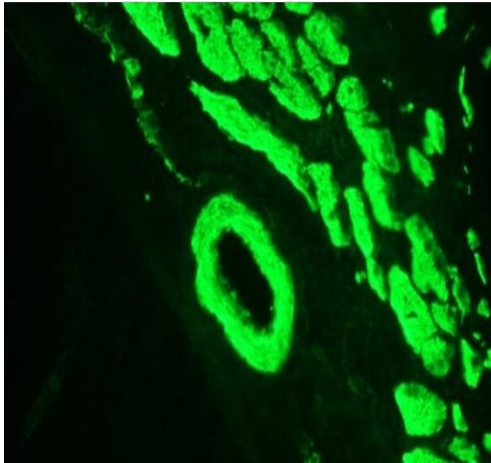
Immunohistochemical analysis on frozen section of chicken gizzard striated muscle labeling Smoothelin with ab8969.



Immunocytochemistry/ Immunofluorescence - Anti-Smoothelin antibody [R4A] (ab8969)

This image is courtesy of an anonymous Abreview

ab8969 staining cells from a human vascular smooth muscle cells by ICC/IF. Cells were PFA fixed and permeabilized in 0.5% Triton X-100 prior to blocking in 10% serum for 10 minutes at 21°C. The primary antibody was diluted 1/100 and incubated with the sample for 1 hour at 21°C. An Rhodamine conjugated donkey anti-mouse antibody, diluted 1/200, was used as the secondary.



Immunohistochemistry on frozen section of chicken gizzard striated muscle labeling Smoothelin with ab8969.

Immunohistochemistry (Frozen sections) - Anti-Smoothelin antibody [R4A] (ab8969)

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