

Anti-Chondroitin Sulfate antibody [CS-56] ab11570

★★★★★ [6 Abreviews](#) [63 References](#) [3 图像](#)

概述

产品名称	Anti-Chondroitin Sulfate抗体[CS-56]
描述	小鼠单克隆抗体[CS-56] to Chondroitin Sulfate
宿主	Mouse
特异性	The antibody has been reported to be specific for the glycosaminoglycan (GAG) portion of native chondroitin sulfate proteoglycan (CSPG). The antibody reacts specifically with chondroitin sulfate types A and C but not with type B (dermatan sulfate), and may be used for localization of chondroitin sulfate in tissues and cultured fibroblasts.
经测试应用	适用于: Electron Microscopy, IHC-P, ICC/IF
种属反应性	与反应: Mouse, Chicken, Cow, Human, Apterionotus leptorhynchus
免疫原	Tissue, cells or virus corresponding to Chicken Chondroitin Sulfate.
阳性对照	Bovine mammary gland epithelial (BMGE) cells. IHC-P: human colon cancer sections
常规说明	<p>This product was changed from ascites to tissue culture supernatant on 25th October 2016. The following lot(s) is/are from ascites and is still in stock as of 25th October 2016 - GR288674, GR272407. Lot numbers higher than GR288674, GR272407 will be from tissue culture supernatant. Please note that the dilutions may need to be adjusted accordingly</p> <p>Storage in frost-free freezers is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.</p> <p>Many cellular activities depend on the interaction of cells with the surrounding extracellular matrix (ECM). Most cells, in intact tissue and in culture, are attached to an ECM. Epithelial cells are associated with the basement membrane; fibroblastic cells are usually embedded in a pericellular mesh of fibrils, and tissue culture cells usually grow on a substrate which is covered by various ECM components. Studies have indicated that the matrix or its various isolated components provide not only adhesive surfaces for cells to grow on but also have effects on the rate of cell growth, mobility, morphogenesis and differentiation. Within the ECM several glycoproteins and proteoglycans have been identified. It has been proposed that the different constituents interact with each other in a rather complex fashion. The poor antigenicity of proteoglycans especially their glycoaminoglycan (GAG) moieties make it difficult to localize these molecules in tissue and cell culture. Monoclonal Anti-Chondroitin Sulfate can be used to study chondroitin sulfate proteoglycan (CSPG) distribution and its relationships to specific cell-substrate contacts.</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>

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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS
纯度	Proprietary Purification
纯化说明	Purified from Tissue culture supernatant.
克隆	单克隆
克隆编号	CS-56
同种型	IgM

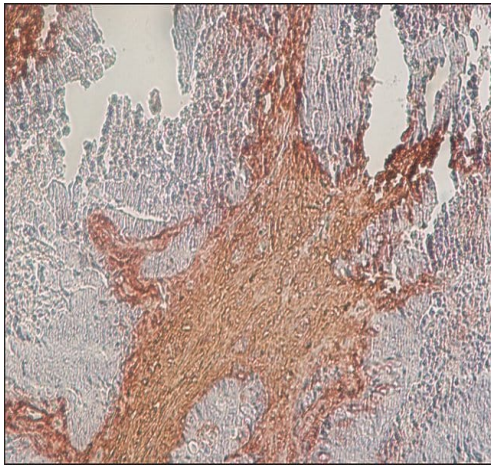
应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab11570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。

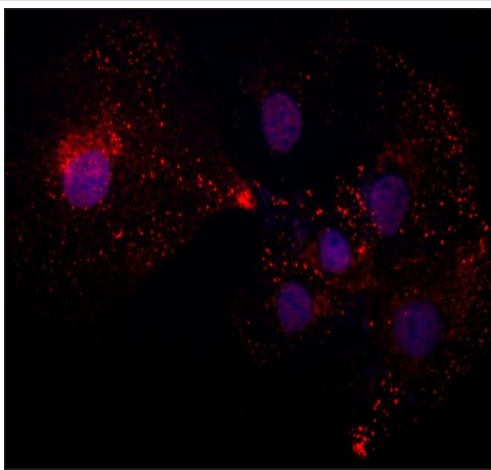
应用	Ab评论	说明
Electron Microscopy		Use at an assay dependent concentration.
IHC-P	★★★★★ (3)	1/2500.
ICC/IF		Use at an assay dependent concentration.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chondroitin Sulfate antibody [CS-56] (ab11570)

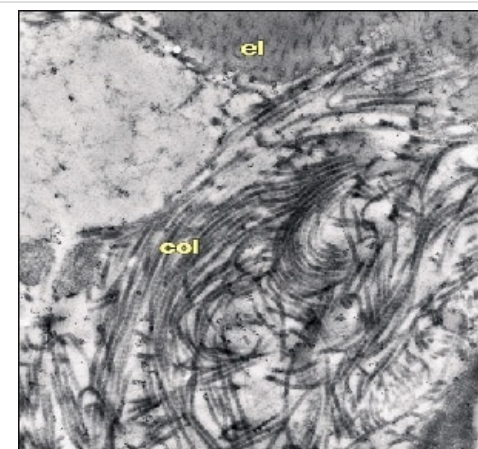
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human colon cancer sections labelling chondroitin sulfate with ab11570 at 1/2500 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-Chondroitin Sulfate antibody [CS-56] (ab11570)

This antibody was developed using Goat Anti-Mouse IgM, Cy3™ conjugate.

Immunocytochemistry analysis of cow mammary gland epithelial cells labeling Chondroitin Sulfate with ab11570 at 2.5 µg/mL. Cells were fixed and permeabilized with 4% Paraformaldehyde and 0.5% Triton X-100. The antibody was developed using Goat Anti-Mouse IgG, Cy3™ conjugate. Cells were counterstained with DAPI (blue) to stain nuclei.



Electron Microscopy - Anti-Chondroitin Sulfate antibody [CS-56] (ab11570)

Normal rabbit aorta, Lowicryl K4M thin section, stained with Monoclonal Anti-Chondroitin Sulfate, ab11570 and Goat Anti-Mouse IgM (µ-chain specific) 10 nm gold. Counterstain was uranyl acetate and Reynold's lead citrate. Magnification 44,600x. (el=Elastin, col=Collagen).

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

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