# Product datasheet

## Anti-Chondroitin Sulfate antibody [CS-56] ab11570

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## Properties
Form
Liquid

Storage instructions
Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Storage buffer
pH: 7.4
Preservative: 0.097% Sodium azide
Constituent: PBS

Purity
Proprietary Purification

Purification notes
Purified from Tissue culture supernatant.

Clonality
Monoclonal

Clone number
CS-56

Isotype
IgM

Applications

Our Abpromise guarantee covers the use of ab11570 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<td>Electron Microscopy</td>
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<td>IHC-Fr</td>
<td>🌟🌟🌟🌟🌟</td>
<td>1/200, PubMed: 16237170  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.</td>
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Images
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chondroitin Sulfate antibody [CS-56] (ab11570)
Image courtesy of Adrian Epstein by Abreview.

ab11570 staining Chondroitin Sulfate in murine brain tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).
For more detail please see abreview.

Immunohistochemistry (Frozen sections) - Anti-Chondroitin Sulfate antibody [CS-56] (ab11570)
Image courtesy of Dr Ruxandra Sirbulescu by Abreview.

ab11570 staining Chondroitin Sulfate in 16 µm thick transverse sections of *Apteronotus leptorhynchus* whole body tissue by Immunohistochemistry (Frozen sections).
Tissue was fixed in 2% paraformaldehyde, blocked with 3% sheep serum, 1% BSA, 1% teleostean gelatine in TBS for 1 hour at 24°C and then incubated with ab11570 at a 1/50 dilution for 18 hours at 4°C. The secondary used was an Alexa-Fluor 546 conjugated goat anti-mouse polyclonal used at a 1/200 dilution.

Immunoperoxidase staining of a frozen section of normal rabbit aorta stained using Monoclonal Anti-Chondroitin Sulfate 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 AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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