

Product datasheet

Anti-Neurocan antibody [650.24] ab31979

★★★★☆ [4 Abreviews](#) [3 References](#) [1 Image](#)

Overview

Product name	Anti-Neurocan antibody [650.24]
Description	Mouse monoclonal [650.24] to Neurocan
Host species	Mouse
Specificity	Specific for Neurocan core protein; also reacts with neurocan C fragment
Tested applications	Suitable for: ICC/IF, WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Tissue, cells or virus corresponding to Rat Neurocan.
General notes	<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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Protein G purified
Clonality	Monoclonal
Clone number	650.24
Myeloma	P3x63
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab31979 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF	★★★★★ (4)	Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

Target

Function

May modulate neuronal adhesion and neurite growth during development by binding to neural cell adhesion molecules (NG-CAM and N-CAM). Chondroitin sulfate proteoglycan; binds to hyaluronic acid.

Tissue specificity

Brain.

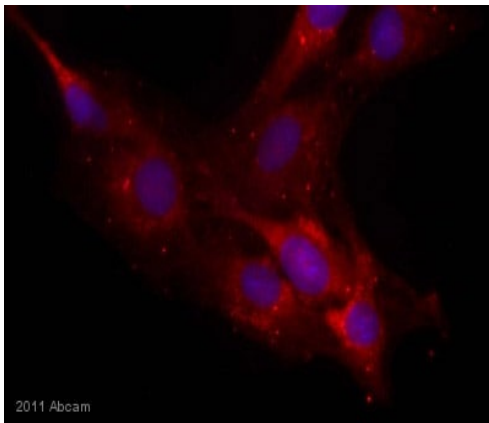
Sequence similarities

Belongs to the aggrecan/versican proteoglycan family.
Contains 1 C-type lectin domain.
Contains 2 EGF-like domains.
Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Contains 2 Link domains.
Contains 1 Sushi (CCP/SCR) domain.

Cellular localization

Secreted.

Images



Immunocytochemistry/ Immunofluorescence - Anti-Neurocan antibody [650.24] (ab31979)
Image courtesy of an anonymous Abreview.

ab31979 staining Neurocan in rat glioma cell line C6 by Immunocytochemistry/ Immunofluorescence.

Cells were fixed in paraformaldehyde, permeabilized using 0.1% Triton X-100, blocked with 0.5% BSA for 20 minutes at room temperature, then incubated with ab31979 at a 1/50 dilution for 16 hours at 4°C. The secondary used was a TRITC conjugated goat anti-mouse polyclonal, used at a 1/300 dilution. Nuclei are counterstained with DAPI.

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

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