Product datasheet

Anti-Hyaluronic acid antibody ab53842

Overview

Product name
Anti-Hyaluronic acid antibody
Description
Sheep polyclonal to Hyaluronic acid
Host species
Sheep
Specificity
ab53842 is specific for Hyaluronic acid, a mucopolysaccharide which is an integral part of the gel-like substance of animal connective tissue that serves as a lubricating and protective agent.

Tested applications
Suitable for: ELISA, IHC-P, IHC-Fr

Species reactivity
Reacts with: Mouse, Chicken, Dog, Human
Predicted to work with: a wide range of other species

Immunogen
Hyaluronic acid from human umbilical cord

Properties

Form
Liquid
Storage instructions

Storage buffer
pH: 7.20
Preservative: 0.09% Sodium azide
Constituent: PBS

Purity
Protein G purified

Clonality
Polyclonal

Isotype
IgG

Applications

Our Abpromise guarantee covers the use of ab53842 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>ELISA</td>
<td>Use at an assay dependent concentration.</td>
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Hyaluronic acid is a mucopolysaccharide which is an integral part of the gel-like substance of animal connective tissue that serves as a lubricating and protective agent.

Image courtesy of an anonymous Abreview

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hyaluronic acid antibody (ab53842)

Tissue was fixed with formaldehyde and an enzymatic antigen retrieval step was performed using Pronase. Samples were then blocked with 3% H₂O₂ for 5 minutes at 20°C followed by incubation with the primary antibody at a 1/300 dilution for 1 hour at 20°C. ab6747 Rabbit polyclonal to Sheep IgG - H&L (HRP) was used as secondary antibody, undiluted.

Immunohistochemistry (Frozen sections) - Anti-Hyaluronic acid antibody (ab53842)

Immunohistochemical analysis of acetone-fixed 10 µm cryostat cut human epileptic substantia alba tissue, labelling hyaluronic acid with ab53842, incubated at a dilution of 1/250 for 1 hour at 37°C in TNB diluent. Blocking was using a TNB blocking buffer for 30 minutes at 25°C. The secondary used was a polyclonal Alexa Fluor® 488 conjugate used at 1/250.

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