Product datasheet

Anti-Digoxigenin antibody [21H8] ab420

15 References

Overview

Product name Anti-Digoxigenin antibody [21H8]
Description Mouse monoclonal [21H8] to Digoxigenin
Host species Mouse
Tested applications Suitable for: WB, ELISA, IHC-P, IHC-Fr, In situ hybridization, ICC/IF, Southern Blot

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 or -80°C. Avoid freeze / thaw cycle.
Purity Protein A purified
Clonality Monoclonal
Clone number 21H8
Myeloma unknown
Isotype IgG1
Light chain type kappa

Applications

Our Abpromise guarantee covers the use of ab420 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>WB</td>
<td>1/500 - 1/5000. ab419</td>
<td>can be used for the detection of a diverse range of digoxigenin labelled compounds and in a variety of techniques</td>
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<tr>
<td>ELISA</td>
<td>1/1000 - 1/10000.</td>
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Relevance

Digoxigenin (DIG) is a steroid found exclusively in the flowers and leaves of the plants Digitalis purpurea and Digitalis lanata. Digoxigenin is chemically closely related to Digoxin, the cardiac glycoside used for the treatment of various heart diseases. The term 'genin' at the end of Digoxigenin, refers to only the aglycone portion (without the sugar) part of the molecule, thus Digoxigenin is the steroid component of Digoxin, - minus the (digitose) sugar residues. DIG can be covalently added to proteins or nucleic acids which makes it very useful in diverse applications.

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