abcam

Product datasheet

Alkaline Phosphatase Anti-Digoxigenin antibody [21H8] ab119345

7 References

Overview

Product name	Alkaline Phosphatase Anti-Digoxigenin antibody [21H8]
Description	Alkaline Phosphatase Mouse monoclonal [21H8] to Digoxigenin
Host species	Mouse
Conjugation	Alkaline Phosphatase
Specificity	ab119345 reacts with free and bound digoxigenin. It is useful for detection of digoxigenin labelled compounds.
Tested applications	**Suitable for:** WB, ELISA, IHC-Fr, Southern Blot, ICC/IF
Species reactivity	**Reacts with:** Species independent
Immunogen	Digoxigenin
General notes	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. 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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Constituents: 50% Glycerol, 0.121% Tris, 0.81% Sodium chloride, 0.01% Magnesium chloride, 0.014% Zinc chloride
Purity	Protein G purified
Clonality	Monoclonal
Clone number	21H8
Isotype	IgG1

Light chain type kappa

Applications

The Abpromise guarantee Our Abpromise guarantee covers the use of ab119345 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
WB		1/500 - 1/5000.
ELISA		1/500 - 1/5000.
IHC-Fr		1/200 - 1/2000.
Southern Blot		1/500 - 1/5000.
ICC/IF		1/200 - 1/2000.

Target

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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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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