abcam

Product datasheet

Biotin Anti-Digoxigenin antibody [BT.21H8] ab419

1 Abreviews 6 References

Overview

Product name	Biotin Anti-Digoxigenin antibody [BT.21H8]
Description	Biotin Mouse monoclonal [BT.21H8] to Digoxigenin
Host species	Mouse
Conjugation	Biotin
Tested applications	**Suitable for:** WB, ELISA, IHC-P, IHC-Fr
Species reactivity	**Reacts with:** Species independent
Immunogen	Synthetic peptide corresponding to 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	pH: 7.40 Preservative: 0.01% Thimerosal (merthiolate) Constituents: PBS, 50% Glycerol, 1% BSA
Purification notes	Purified biotin conjugate.
Clonality	Monoclonal
Clone number	BT.21H8
Myeloma	unknown
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab419 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		1/1000 - 1/10000.
IHC-P		1/200 - 1/2000.
IHC-Fr	★☆☆☆☆ (1)	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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- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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