

# Alkaline Phosphatase Anti-Digoxigenin antibody [21H8] ab119345

## 7 References

### Overview

---

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

### Properties

---

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

## 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.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- 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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors