

## Product datasheet

# HRP Anti-Digoxigenin antibody [HRP.21H8] ab6212

★★★★☆ 4 Abreviews 18 References 1 Image

### Overview

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<b>Product name</b>	HRP Anti-Digoxigenin antibody [HRP.21H8]
<b>Description</b>	HRP Mouse monoclonal [HRP.21H8] to Digoxigenin
<b>Host species</b>	Mouse
<b>Conjugation</b>	HRP
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA, IHC-P, IHC-Fr
<b>Species reactivity</b>	<b>Reacts with:</b> Species independent
<b>Immunogen</b>	Chemical/ Small Molecule conjugated to bovine serum albumin.
<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

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.01% Thimerosal (merthiolate) Constituents: PBS, 50% Glycerol, 1% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	HRP.21H8
<b>Myeloma</b>	unknown
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

## Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab6212 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

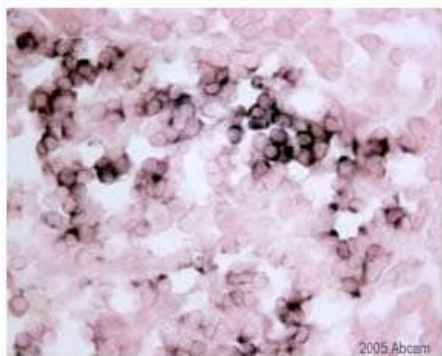
Application	Abreviews	Notes
WB		1/500 - 1/5000.
ELISA		1/1000 - 1/10000.
IHC-P	★★★★★ (1)	1/200 - 1/2000. Use in combination with tyramide signal amplification.
IHC-Fr	★★★★★ (2)	1/200 - 1/2000. 1/200 - 1/2000. Use in combination with tyramide signal amplification.

## 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.

## Images



Immunohistochemistry (Frozen sections) - HRP  
Anti-Digoxigenin antibody [HRP.21H8] (ab6212)

ab6212 at a dilution of 1/1000 staining Digoxigenin from human pancreatic tissue sections by immunohistochemistry (frozen). The antibody was incubated with the tissue for 2 hours.

This image is courtesy of an Abreview submitted by an anonymous researcher on **9 December 2005**.

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

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