

A18833

Leader in Biomolecular Solutions for Life Science



# Digoxin Rabbit pAb

Catalog No.: A18833

## Basic Information

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### Observed MW

Refer to figures

### Calculated MW

### Category

Small Molecule-specific Antibody

### Applications

ELISA,DB

### Cross-Reactivity

Species independent

## Background

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Digoxigenin (DIG) is a highly immunogenic steroid derived from "foxglove" plants of the genus Digitalis (PMID: 13116963). Digoxin is a beta blocker drug originally derived from the foxglove plant. Antibodies targeted against the DIG hapten display high binding affinity to DIG-conjugated molecules and can be used in molecular biology assays, including in situ hybridization, western blot, ELISA, and TUNEL assays

## Recommended Dilutions

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DB 1:500 - 1:2000

## Immunogen Information

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Gene ID Swiss Prot

### Immunogen

Digoxin

### Synonyms

## Contact

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[www.abclonal.com](http://www.abclonal.com)

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

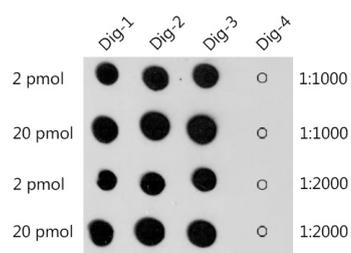
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data

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The Digoxin rabbit polyclonal antibody (A18833) are tested in Dot Blot against digoxin labelled oligonucleotide(Dig-1, Dig-2 and Dig-3) and unlabelled oligonucleotide(Dig-4)

Dig-1 :5'AGCTAAC/iDigd/ACTAGCT(Biotin)3'

Dig-2

:5'(Digoxin)AGCTAACTACTAGCT(Biotin)3'

Dig-3

:5'(Biotin)AGCTAACTACTAGCT(Digoxin)3'

Dig-4 :5'AGCTAACTACTAGCT(Biotin)3'