

A18833

Leader in Biomolecular Solutions for Life Science



# Digoxin Rabbit pAb

Catalog No.: A18833

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

### Category

Small Molecule-specific Antibody

### Applications

ELISA,DB

### Cross-Reactivity

Species independent

## Background

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

DB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

Gene ID Swiss Prot

### Immunogen

Chemical compounds corresponding to Digoxin.

### Synonyms

## Contact

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

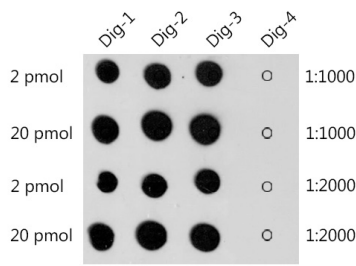
## Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



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/iDigdT/ACTAGCT(Biotin)3'

Dig-2  
:5'(Digoxin)AGCTAACTACTAGCT(Biotin)3'

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

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