



# GOAT ANTI-DIGOXIGENIN/DIGOXIN (DIG), UNCONJUGATED

**SKU:** MB-7000-1



## DESCRIPTION

Nucleic acid probes are frequently labeled with digoxigenin (DIG), a steroid found in plants. This is particularly common in double-label *in situ* hybridization applications with a biotin-labeled probe. DIG-labeled probes can be visualized using our high affinity, purified antibody against digoxigenin/digoxin.

## SPECIFICATIONS

|                             |                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------|
| <b>Formulation</b>          | 10 mM sodium phosphate, pH 7.8, 0.15 M NaCl, 0.08% sodium azide, 20 mg/ml sucrose. |
| <b>Unit Size</b>            | 1 mg                                                                               |
| <b>Storage Instructions</b> | 2-8 °C                                                                             |

**For research use only. Not intended for therapeutic or diagnostic use in animals or humans.**



|                         |                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Usage Summary</b>    | This product is recommended for use in transfer blot applications (Northern, Southern, Western, dot blots, etc.) and in situ hybridization. The recommended concentration range for use is 0.5-5 µg/ml. This reagent can be detected using a number of anti-goat IgG secondary antibody options. |
| <b>Applications</b>     | In situ hybridization, Blotting Applications                                                                                                                                                                                                                                                     |
| <b>Concentration</b>    | 1 mg active IgG/ml                                                                                                                                                                                                                                                                               |
| <b>Conjugate</b>        | Unconjugated                                                                                                                                                                                                                                                                                     |
| <b>Reactive Species</b> | Goat                                                                                                                                                                                                                                                                                             |
| <b>Host Species</b>     | Goat                                                                                                                                                                                                                                                                                             |

## TECHNICAL INFORMATION

Digoxigenin (DIG) is a small plant-derived molecule not found in animals. DIG is used to label nucleic acid probes for applications such as *in situ* hybridization. DIG-labeled probes are detected with antibodies specifically directed against the DIG label. We have generated high affinity and highly purified antibodies for this purpose. The unconjugated anti-DIG antibody can be used to detect DIG-labeled probes employing labeled anti-goat antibodies or our ImmPRESS® Anti-Goat detection systems.

## CITATIONS



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## DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

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## GALLERY IMAGES



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[Goat Anti-Digoxigenin/Digoxin \(DIG\), Unconjugated](https://vectorlabs.com/products/anti-digoxigenin-digoxin-dig-unconjugated/)

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