

## Product datasheet

# Anti-Diphtheria Toxin antibody [11D9] ab51882

### 1 References

#### Overview

---

<b>Product name</b>	Anti-Diphtheria Toxin antibody [11D9]
<b>Description</b>	Mouse monoclonal [11D9] to Diphtheria Toxin
<b>Host species</b>	Mouse
<b>Specificity</b>	ab51882 reacts with Diphtheria toxoid (formaldehyde inactivated Diphtheria toxin).
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Other species
<b>Immunogen</b>	Diphtheria toxoid (formaldehyde inactivated Diphtheria toxin).
<b>General notes</b>	<b>For a recombinant antibody to Diphtheria Toxin, please see - <a href="#">ab209329</a>.</b>

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.

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&As

#### 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>	pH: 7.40 Preservative: 0.097% Sodium azide Constituents: 2.9% Sodium chloride, 0.0268% PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	11D9
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

## Applications

---

### The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab51882 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		Use at an assay dependent dilution. Detects a band of approximately 63 kDa (predicted molecular weight: 58 kDa).
ELISA		1/4000.

## Target

---

### Relevance

Corynebacterium diphtheriae is a gram-positive, nonmotile bacteria found in soil and animal feces. C. diphtheriae infect the epithelial cells of the upper respiratory tract from where they produce and secrete a potent toxin. This toxin is absorbed and disseminated through lymph channels and blood to the susceptible tissues of the body.

### Cellular localization

Secreted

**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