

## Product datasheet

# Anti-Diphtheria Toxin antibody [1H2] ab8306

### Overview

<b>Product name</b>	Anti-Diphtheria Toxin antibody [1H2]
<b>Description</b>	Mouse monoclonal [1H2] to Diphtheria Toxin
<b>Host species</b>	Mouse
<b>Specificity</b>	Does not react with free A or B subunits of <i>Diphtheria</i> toxin.
<b>Tested applications</b>	<b>Suitable for:</b> Sandwich ELISA
<b>Immunogen</b>	Full length protein.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	PBS with 0.1% sodium azide, pH 7.4
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	1H2
<b>Myeloma</b>	Sp2/0
<b>Isotype</b>	IgG1

### Applications

Our [Abpromise guarantee](#) covers the use of **ab8306** 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
Sandwich ELISA		Use at an assay dependent concentration. For 2 site enzyme immunoassay, we recommend using this antibody for labeling and <a href="#">ab8307</a> for coating.

### Target

<b>Relevance</b>	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.
<b>Cellular localization</b>	Secreted

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