

Product datasheet

Anti-Diphtheria Toxin antibody [1H2] ab8306

Overview

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	PBS with 0.1% sodium azide, pH 7.4
Purity	Protein A purified
Clonality	Monoclonal
Clone number	1H2
Myeloma	Sp2/0
Isotype	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 ab8307 for coating.

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

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