

Product datasheet

Anti-Diphtheria Toxin antibody ab53828

1 References

Overview

Product name	Anti-Diphtheria Toxin antibody
Description	Rabbit polyclonal to Diphtheria Toxin
Host species	Rabbit
Specificity	ab53828 reacts both with toxoid and toxin.
Tested applications	Suitable for: WB, ELISA
Immunogen	Diphtheria toxoid (formaldehyde inactivated Diphtheria toxin).
General notes	For a recombinant antibody to Diphtheria Toxin, please see - ab209329.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: None Constituents: Whole serum
Purity	Whole antiserum
Purification notes	Sterile filtered rabbit serum.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab53828** 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		Use at an assay dependent dilution. Reacts well in ELISA with coated diphtheria toxoid.

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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