

## Product datasheet

# Anti-Bordetella pertussis toxin/ptxD antibody [56.2] ab37686

### 1 References

#### Overview

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<b>Product name</b>	Anti-Bordetella pertussis toxin/ptxD antibody [56.2]
<b>Description</b>	Mouse monoclonal [56.2] to Bordetella pertussis toxin/ptxD
<b>Host species</b>	Mouse
<b>Specificity</b>	This product reacts with different epitope than <a href="#">ab37574</a> , <a href="#">ab37684</a> and <a href="#">ab37687</a> .
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Bordetella pertussis
<b>Immunogen</b>	<i>Bordetela pertussis</i> Toxin B-Oligomer.
<b>General notes</b>	This product was previously labelled as Bordetella pertussis toxin

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

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, as well as customer reviews and Q&As.

## Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 7.40 Constituents: 2.9% Sodium chloride, 0.0268% PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	56.2
<b>Myeloma</b>	x63-Ag8.653
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

## Applications

Our [Abpromise guarantee](#) covers the use of **ab37686** 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
ELISA		Use at an assay dependent dilution.
WB		Use at an assay dependent dilution. Detects a band of approximately 11.7 kDa.

## Target

**Relevance** Pertussis toxin contains five different chains, S1-S5. They are organized into 2 functional subunits: A, composed of S1 (which is toxic) and B, containing S2, S3, S5, and two copies of S4 (B binds to the membrane receptors). Dimers of S2-S4 and S3-S4 are held together by S5

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- 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
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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.

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