abcam

Product datasheet

Anti-Bordetella pertussis toxin/ptxD antibody [63.1G9] - BSA and Azide free ab37574

1 References

Overview

Product name	Anti-Bordetella pertussis toxin/ptxD antibody [63.1G9] - BSA and Azide free
Description	Mouse monoclonal [63.1G9] to Bordetella pertussis toxin/ptxD - BSA and Azide free
Host species	Mouse
Specificity	This product reacts to different epitope than **ab37684**, **ab37686** and **ab37687**.
Tested applications	**Suitable for:** WB, Neutralising, ELISA
Species reactivity	**Reacts with:** Bordetella pertussis
Immunogen	Full length native protein (purified) corresponding to Bordetella pertussis Bordetella pertussis toxin/ptxD.
General notes	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

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.40 Constituent: 100% PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	63.1G9
Myeloma	x63-Ag8.653
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab37574 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 28 kDa (predicted molecular weight: 28 kDa).
Neutralising		Use at an assay dependent dilution.
ELISA		Use at an assay dependent dilution.

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

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