

Product datasheet

Anti-COX4, mitochondrial antibody [1A12A12] ab110272

★★★★★ 1 Abreviews 21 References 1 Image

Overview

Product name	Anti-COX4, mitochondrial antibody [1A12A12]
Description	Mouse monoclonal [1A12A12] to COX4, mitochondrial
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Saccharomyces cerevisiae
Immunogen	Full length native protein (purified). This information is considered to be commercially sensitive.
Positive control	Mitochondria from yeast membrane extract
General notes	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <p>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.</p> <p>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</p> <p>Product was previously marketed under the MitoSciences sub-brand.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	<p>pH: 7.5</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: HEPES buffered saline</p>
Purity	IgG fraction
Purification notes	Near homogeneity as judged by SDS-PAGE. ab110272 was produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation.

Clonality	Monoclonal
Clone number	1A12A12
Isotype	IgG1
Light chain type	kappa

Applications

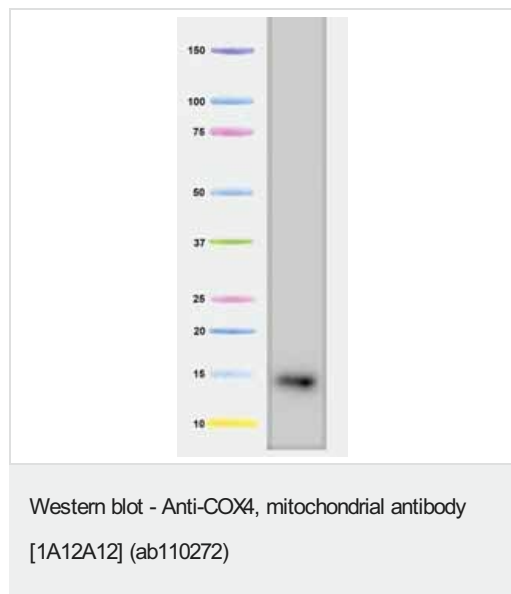
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab110272 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	Use a concentration of 1 µg/ml. Predicted molecular weight: 17 kDa.

Target

Sequence similarities	Belongs to the cytochrome c oxidase subunit 5B family.
Cellular localization	Mitochondrion inner membrane.

Images



Anti-COX4, mitochondrial antibody [1A12A12] (ab110272) at 1 µg/ml + Mitochondria from yeast membrane extract at 20 µg

Predicted band size: 17 kDa

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

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