

# Anti-PDI1 antibody [38H8] ab4644

## 5 References

### Overview

<b>Product name</b>	Anti-PDI1 antibody [38H8]
<b>Description</b>	Mouse monoclonal [38H8] to PDI1
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Saccharomyces cerevisiae
<b>Immunogen</b>	Tissue, cells or virus corresponding to PDI1. Yeast nuclear preparations
<b>General notes</b>	<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&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.065% Sodium azide Constituent: PBS
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	>90% pure based on SDS-PAGE analysis.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	38H8
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab4644 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
ICC/IF		1/500 - 1/5000. (gives an ER staining pattern on yeast cells).
WB		Use at an assay dependent concentration. Detects a band of approximately 65 kDa (predicted molecular weight: 58.2 kDa). Suggested working dilution of 1/5000 (see PMID: 17051412).

## Target

### Relevance

PDI1 is a protein disulfide isomerase, multifunctional protein resident in the endoplasmic reticulum lumen, essential for the formation of disulfide bonds in secretory and cell-surface proteins, unscrambles non-native disulfide bonds.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

- 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
- We investigate all quality concerns to ensure our products perform to the highest standards

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## Terms and conditions

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