

# PDI Antibody (38H8)

Lot Number: QB1973111

Product Data Sheet

## Tested Species Reactivity

Yeast (Ys)

## Tested Applications

Tested Applications	Dilution *
Western Blot (WB)	1:10,000
Immunofluorescence (IF)	1:500-1:1000
Immunocytochemistry (ICC)	1:500-1:1000
Immunohistochemistry (IHC)	1:500-1:1000

\* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

## Details

<b>Catalog Number:</b>	MA1-10032
<b>Size:</b>	500 µl
<b>Class:</b>	Monoclonal
<b>Type:</b>	Antibody
<b>Clone:</b>	38H8
<b>Host / Isotype:</b>	Mouse / IgG1, kappa
<b>Immunogen:</b>	Yeast nuclear preparation.

## Form Information

<b>Form:</b>	Liquid
<b>Storage Buffer:</b>	tissue culture supernatant
<b>Preservative:</b>	10mM sodium azide
<b>Storage Conditions:</b>	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

## Product Specific Information

MA1-10032 detects PDI1P from *S. cerevisiae* samples.

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## General Information

Pdi1p is a yeast protein disulfide isomerase. It is a major endoplasmic reticulum protein with chaperone and co-chaperone activity, involved in retention of resident ER proteins. It also has a role in recognizing proteins targeted for ER-associated degradation (ERAD) and is a member of the protein disulfide isomerase family. Proteins in this family also can break disulfide bonds on substrate proteins.

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