

## Basic Information

<b>Product Name</b>	Anti-ERp57/ERp60/PDIA3 Antibody (Clone#OTI3D2)
<b>Gene Name</b>	PDIA3
<b>Source</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Species Reactivity</b>	human, mouse, rat
<b>Tested Application</b>	WB
<b>Contents</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Immunogen</b>	Human recombinant protein fragment corresponding to amino acids 140-505 of human PDIA3(NP_005304) produced in E.coli.
<b>Concentration</b>	500 ug/ml
<b>Purification</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Observed MW</b>	54.2 kDa
<b>Dilution Ratios</b>	Western blot (WB):1:2000

## Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

## Background Information

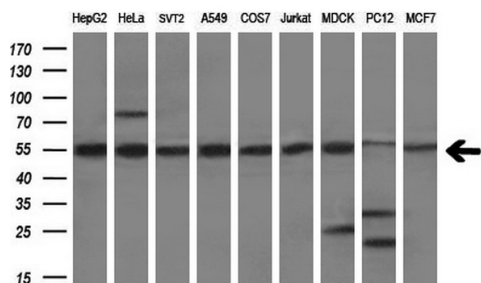
This gene encodes a protein of the endoplasmic reticulum that interacts with lectin chaperones calreticulin and calnexin to modulate folding of newly synthesized glycoproteins. The protein was once thought to be a phospholipase; however, it has been demonstrated that the protein actually has protein disulfide isomerase activity. It is thought that complexes of lectins and this protein mediate protein folding by promoting formation of disulfide bonds in their glycoprotein substrates.

[provided by RefSeq, Jul 2008]

## Reference

Anti-ERp57/ERp60/PDIA3 Antibody (Clone#OTI3D2)被引用在1文献中。

## Selected Validation Data



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PDIA3 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:200).