

Product datasheet

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ARG24117 anti-PDIA3 / ERp57 antibody [4F9] (FITC)

Package: 50 μg Store at: -20°C

Summary

Product Description FITC-conjugated Mouse Monoclonal antibody [4F9] recognizes PDIA3 / ERp57

Tested Reactivity Hu

Tested Application ICC/IF, WB

Specificity Detects ~57kDa.

Host Mouse

Clonality Monoclonal

Clone 4F9

Isotype IgG1

Target Name PDIA3 / ERp57

Species Human

Immunogen Human recombinant PDIA3 / ERp57

Conjugation FITC

Alternate Names EC 5.3.4.1; Disulfide isomerase ER-60; HEL-S-93n; GRP57; p58; Endoplasmic reticulum resident protein

60; ER protein 57; ER protein 60; ERp57; GRP58; P58; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; ER60; HEL-S-269; Protein disulfide-isomerase A3; PI-PLC; ERp60; ERp61; HsT17083;

Endoplasmic reticulum resident protein 57

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:100
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form Liquid

Purification Purification with Protein G.

Buffer PBS (pH 7.4), 50% Glycerol and 0.09% Sodium azide

Preservative 0.09% Sodium azide

Stabilizer 50% Glycerol

Concentration 1 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw

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cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol PDIA3

Gene Full Name protein disulfide isomerase family A, member 3

Background 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]

Highlight Related products:

anti PDIA3 / ERp57 antibody [4F9]

Calculated Mw 57 kDa

Cellular Localization Endoplasmic Reticulum, Endoplasmic reticulum lumen, Melanosome