

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

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