

RecomAb™

PDIA3 recombinant monoclonal antibody, clone R07-2J6

Catalog # RAB06513 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PDIA3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human PDIA3.
Theoretical MW (kDa)	Calculated MW: 57 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol and 0.02% Sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry

- Immunoprecipitation

Gene Info — PDIA3

Entrez GeneID	2923
Gene Name	PDIA3
Gene Alias	ER60, ERp57, ERp60, ERp61, GRP57, GRP58, HsT17083, P58, PI-PLC
Gene Description	protein disulfide isomerase family A, member 3
Omim ID	602046
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	58 kDa microsomal protein OTTHUMP00000041709 endoplasmic reticulum P58 glucose regulated protein, 58kDa phospholipase C-alpha protein disulfide isomerase-associated 3 protein disulfide-isomerase A3

Pathway

- [Antigen processing and presentation](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)