

RecomAb™

ERP29 recombinant monoclonal antibody, clone R04-2F2

Catalog # RAB05246 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ERp29.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human ERp29
Theoretical MW (kDa)	Calculated MW: 29 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1/50-1/200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(1/50-1/100) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
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 (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry
- Immunofluorescence

Gene Info — ERP29

Entrez GeneID [10961](#)

Gene Name ERP29

Gene Alias C12orf8, ERp28, ERp31, PDI-DB

Gene Description endoplasmic reticulum protein 29

Omim ID [602287](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a reticuloplasmin, a protein which resides in the lumen of the endoplasmic reticulum (ER). The protein shows sequence similarity to the protein disulfide isomerase family. However, it lacks the thioredoxin motif characteristic of this family, suggesting that this protein does not function as a disulfide isomerase. The protein dimerizes and is thought to play a role in the processing of secretory proteins within the ER. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations endoplasmic reticulum luminal protein ERp28