

ERp29 Conjugated Antibody

Catalog No: #C49878

Package Size: #C49878-AF350 100ul #C49878-AF405 100ul #C49878-AF488 100ul

#C49878-AF555 100ul #C49878-AF594 100ul #C49878-AF647 100ul

#C49878-AF680 100ul #C49878-AF750 100ul #C49878-Biotin 100ul

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Description

Product Name	ERp29 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein within human ERp29 aa 1-150.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	C12orf8 antibody Chromosome 12 open reading frame 8 antibody Endoplasmic reticulum lumenal protein ERp28 antibody Endoplasmic reticulum protein 29 antibody Endoplasmic reticulum protein 29 isoform 1 antibody Endoplasmic reticulum protein ERp29 antibody Endoplasmic reticulum resident protein 28 antibody Endoplasmic reticulum resident protein 29 antibody Endoplasmic reticulum resident protein 31 antibody Epididymis secretory protein Li 107 antibody ERp28 antibody ERP29_HUMAN antibody ERp31 antibody HEL S 107 antibody PDI-DB antibody PDIA9 antibody Protein disulfide isomerase family A member 9 antibody
Accession No.	Swiss-Prot#:P30040
Uniprot	P30040
GeneID	10961;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	29 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

ERp29 is 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.

Note: This product is for in vitro research use only