

For Research Use Only

CoraLite® Plus 488-conjugated ERP29 Monoclonal antibody



Catalog Number:CL488-67675

Basic Information

Catalog Number: CL488-67675	GenBank Accession Number: BC101495	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10961	CloneNo.: 1H8B2
Source: Mouse	Full Name: endoplasmic reticulum protein 29	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	Calculated MW: 261 aa, 29 kDa	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Immunogen Catalog Number: AG30262	Observed MW: 29 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : human kidney tissue,
Species Specificity: Human, Mouse, Rat	

Background Information

Endoplasmic reticulum resident protein 29 (ERP29) is a 29-kDa endoplasmic reticulum (ER) luminal protein. Structurally ERP29 is related to protein disulfide isomerases (PDI). However, it lacks the thioredoxin motif, suggesting that this protein does not function as a disulfide isomerase (PMID: 15500441). ERP29 plays an important role in the processing of secretory proteins within the (ER), possibly by participating in the folding of proteins in the ER. The secretion of thyroglobulin (TG) was found to be strongly regulated by ERP29 (PMID: 16380091).

Storage

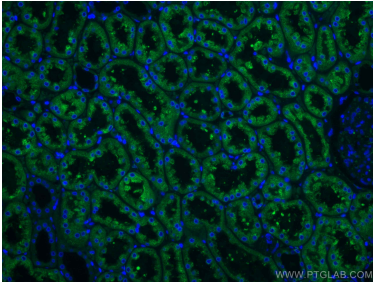
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

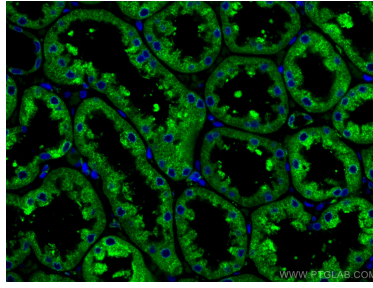
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human kidney tissue using CoraLite® Plus 488 ERP29 antibody (CL488-67675, Clone: 1H8B2) at dilution of 1:200.



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