

ERP29 Monoclonal antibody

Catalog Number: 67675-1-Ig 1 Publications

Basic Information

Catalog Number: 67675-1-Ig	GenBank Accession Number: BC101495	Purification Method: Protein A purification
Size: 1100 µg/ml	GeneID (NCBI): 10961	CloneNo.: 1H8B2
Source: Mouse	UNIPROT ID: P30040	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000 IF-P 1:200-1:800
Isotype: IgG2a	Full Name: endoplasmic reticulum protein 29	
Immunogen Catalog Number: AG30262	Calculated MW: 261 aa, 29 kDa Observed MW: 29 kDa	

Applications

Tested Applications: IF-P, IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells
Species Specificity: Human, Mouse, Rat	IHC : human liver tissue, human kidney tissue
Cited Species: rat	IF-P : human kidney tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Amber M Cheatham	37702712	J Cell Biol	WB

Storage

Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

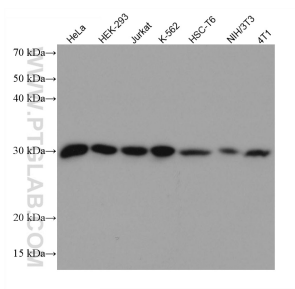
T: 4006900926

E: Proteintech-CN@ptglab.com

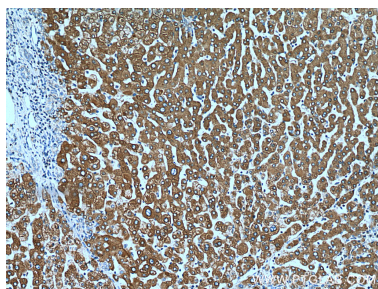
W: ptgcn.com

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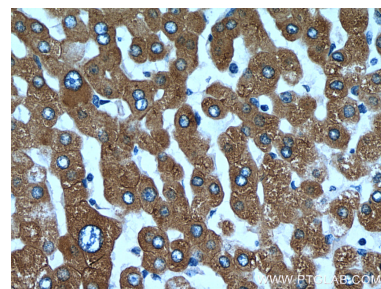
Selected Validation Data



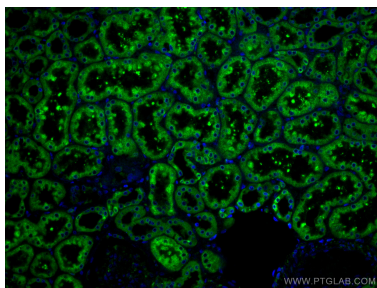
Various lysates were subjected to SDS PAGE followed by western blot with 67675-1-Ig (ERP29 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



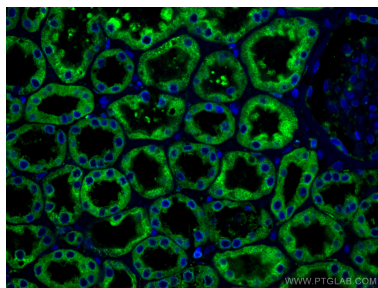
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 67675-1-Ig (ERP29 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 67675-1-Ig (ERP29 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human kidney tissue using ERP29 antibody (67675-1-Ig, Clone: 1H8B2) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human kidney tissue using ERP29 antibody (67675-1-Ig, Clone: 1H8B2) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).