

For Research Use Only

PDI Monoclonal antibody, PBS Only

Catalog Number: 66422-1-PBS



Basic Information

Catalog Number: 66422-1-PBS	GenBank Accession Number: BC014504	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5034	CloneNo.: 2E6A11
Source: Mouse	UNIPROT ID: P07237	
Isotype: IgG2b	Full Name: prolyl 4-hydroxylase, beta polypeptide	
Immunogen Catalog Number: AG1747	Calculated MW: 57 kDa	
	Observed MW: 57 kDa	

Applications

Tested Applications:
WB, IF, IHC, ELISA

Species Specificity:
human, pig, mouse, rat

Background Information

PDIA1 (Protein disulfide-isomerase) is also named as ERBA2L, PDI, P4HB, PO4DB. It is a multifunctional protein that catalyzes the formation, breakage and rearrangement of disulfide bonds. In some cell types, it seems to be secreted or associated with the plasma membrane, where it undergoes constant shedding and replacement from intracellular sources. It can exist as homodimer and monomers and homotetramers may also occur (PMID:12095988).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

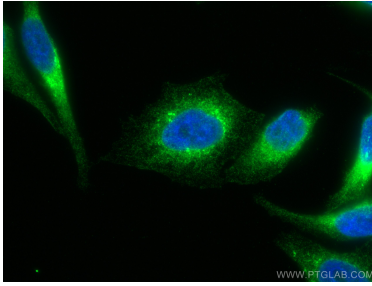
Storage Buffer:
PBS only

Aliquoting is unnecessary for -20°C storage

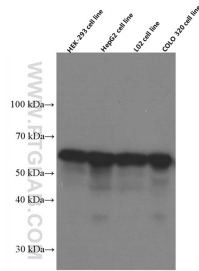
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

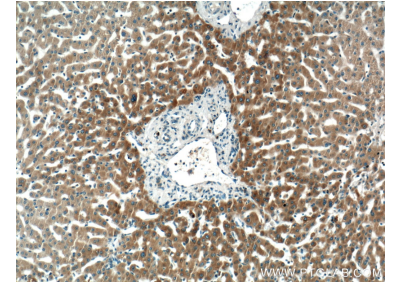
Selected Validation Data



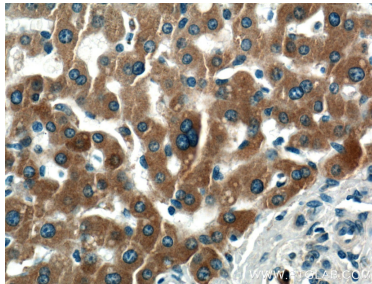
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PDI antibody (66422-1-Ig, Clone: 2E6A11) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66422-1-PBS in a different storage buffer formulation.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 66422-1-Ig (PDI Antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66422-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66422-1-Ig (PDI Antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 66422-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66422-1-Ig (PDI Antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 66422-1-PBS in a different storage buffer formulation.