

For Research Use Only

DNAJC21 Monoclonal antibody, PBS Only



Catalog Number: 68343-1-PBS

Basic Information

Catalog Number: 68343-1-PBS	GenBank Accession Number: BC107577	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 134218	CloneNo.: 2F8A9
Source: Mouse	UNIPROT ID: Q5F1R6	
Isotype: IgG1	Full Name: DnaJ (Hsp40) homolog, subfamily C, member 21	
Immunogen Catalog Number: AG20003	Calculated MW: 531 aa, 58 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications:
WB, IF, ELISA

Species Specificity:
Human, mouse, rat

Background Information

DNAJC21 is a ubiquitously expressed DnaJ (heat shock protein 40) chaperone protein. Recently DNAJC21 was reported to be implicated in rRNA biogenesis. Loss of DNAJC21 induced abnormal cell morphology and inhibited cell growth. Mutations in DNAJC21 cause bone marrow failure syndrome. (27346687)

Storage

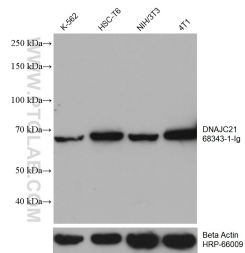
Storage:
Store at -80°C.

Storage Buffer:
PBS only

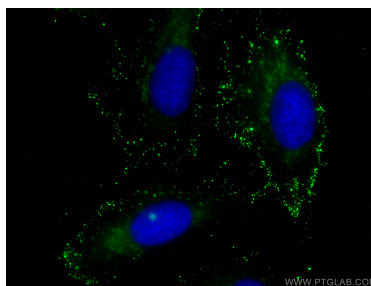
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68343-1-Ig (DNAJC21 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 68343-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using DNAJC21 antibody (68343-1-Ig, Clone: 2F8A9) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68343-1-PBS in a different storage buffer formulation.