

For Research Use Only

DNAJB1 Monoclonal antibody

Catalog Number: 67422-1-Ig **1 Publications**



Basic Information

Catalog Number: 67422-1-Ig	GenBank Accession Number: BC019827	Purification Method: Protein G purification
Size: 900 µg/ml	GeneID (NCBI): 3337	CloneNo.: 1E8E10
Source: Mouse	UNIPROT ID: P25685	Recommended Dilutions: WB 1:500-1:3000
Isotype: IgG1	Full Name: DnaJ (Hsp40) homolog, subfamily B, member 1	
Immunogen Catalog Number: AG3830	Calculated MW: 340 aa, 40 kDa	
	Observed MW: 38 kDa	

Applications

Tested Applications: FC, WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells
Cited Applications: WB	
Species Specificity: Human	
Cited Species: human	

Background Information

DNAJB1 is a member of the heat shock 40 protein family and has been involved in a variety of cellular processes, including the proteasome pathway, endoplasmic reticulum stress and viral infection. DNAJB1-PRKACA gene fusions have been considered diagnostic for fibrolamellar hepatocellular carcinoma.

Notable Publications

Author	Pubmed ID	Journal	Application
Simona Cugusi	36121223	Mol Cell Biol	WB

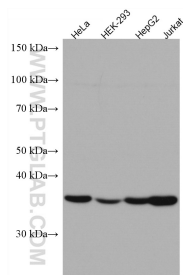
Storage

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

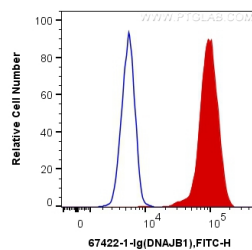
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67422-1-Ig (DNAJB1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



1×10^6 HeLa cells were intracellularly stained with 0.4 μ g Anti-Human DNAJB1 (67422-1-Ig, Clone:1E8E10) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 μ g Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).