

For Research Use Only

DNAJB8 Recombinant monoclonal antibody

Catalog Number:86763-3-RR



Basic Information

Catalog Number: 86763-3-RR	GenBank Accession Number: BC029521	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 165721	CloneNo.: 251752B7
Source: Rabbit	UNIPROT ID: Q8NHS0	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: DnaJ (Hsp40) homolog, subfamily B, member 8	
Immunogen Catalog Number: AG10899	Calculated MW: 232 aa, 26 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:
WB : SW480 cells, mouse liver tissue, HeLa cells, HEK-293 cells, mouse brain tissue, rat brain tissue, fetal human brain tissue

Background Information

DNAJB8, a member of the DNAJ/HSP40 family of proteins, plays a crucial role in regulating chaperone HSP70 activity. It is known for its ability to suppress the aggregation of polyglutamine proteins through its C-terminal tail. Furthermore, DNAJB8 has been shown to inhibit TP53 through ubiquitin degradation in human colon cancer by directly interacting and upregulating MDR1, leading to increased oxaliplatin resistance. High levels of DNAJB8 in both colon tissues and serum are correlated with worse overall survival of colon cancer patients, suggesting that DNAJB8 level in serum sEV may serve as a potential biomarker for colon cancer and a promising therapeutic target for oxaliplatin-resistant cancer.

Storage

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

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

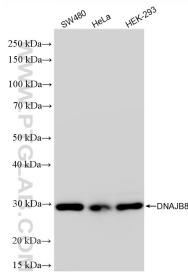
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

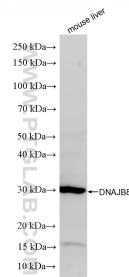
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86763-3-RR (DNAJB8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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