

For Research Use Only

# DNAJB8 Recombinant monoclonal antibody

Catalog Number:86763-3-RR



## Basic Information

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

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

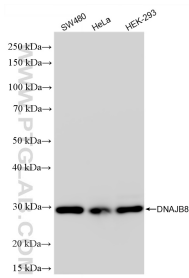
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

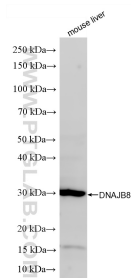
W: [ptgcn.com](http://ptgcn.com)

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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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