

For Research Use Only

# DNAJC5B Recombinant monoclonal antibody

Catalog Number:86975-4-RR



## Basic Information

<b>Catalog Number:</b> 86975-4-RR	<b>GenBank Accession Number:</b> BC016742	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 85479	<b>CloneNo.:</b> 252079D9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UF47	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> DnaJ (Hsp40) homolog, subfamily C, member 5 beta	
<b>Immunogen Catalog Number:</b> AG10744	<b>Calculated MW:</b> 199 aa, 22 kDa	
	<b>Observed MW:</b> 22-25 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : rat testis tissue, mouse testis tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

DNAJC5B encodes cysteine string proteins (CSP) beta. CSPs belong to the DnaJ-like chaperone family and play an important role in regulated exocytosis in neurons and endocrine cells. Mammals express three CSP proteins,  $\alpha$ ,  $\beta$ ,  $\gamma$ . In contrast to the CSP $\alpha$  which is ubiquitously expressed, CSP $\beta$  is restricted to testis and auditory hair cell neurons. The predicted MW of DNAJC5B is around 22 kDa, while some modified forms exist (PMID: 17034881)

## 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

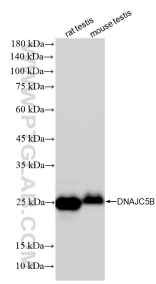
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86975-4-RR (DNAJC5B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.