

## DNAJB4 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant DNAJB4.

Catalog # AT1791a

### Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q9UDY4</a>
<b>Other Accession</b>	<a href="#">BC034721</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 kappa
<b>Clone Names</b>	1H2-3G4
<b>Calculated MW</b>	37807

### Additional Information

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<b>Gene ID</b>	11080
<b>Other Names</b>	DnaJ homolog subfamily B member 4, Heat shock 40 kDa protein 1 homolog, HSP40 homolog, Heat shock protein 40 homolog, Human liver DnaJ-like protein, DNAJB4, DNAJW, HLJ1
<b>Target/Specificity</b>	DNAJB4 (AAH34721, 1 a.a. ~ 337 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	DNAJB4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

### Background

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DNAJB4 belongs to the evolutionarily conserved DNAJ/HSP40 protein family. For background information on the DNAJ family, see MIM 608375.

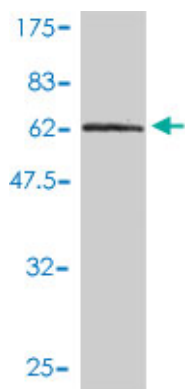
### References

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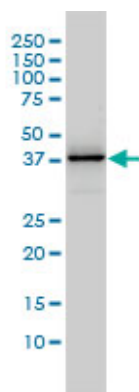
Tumor suppressor HLJ1 binds and functionally alters nucleophosmin via activating enhancer binding protein 2alpha complex formation. Chang TP, et al. Cancer Res, 2010 Feb 15. PMID 20145123. Curcumin inhibits lung cancer cell invasion and metastasis through the tumor suppressor HLJ1. Chen HW, et al. Cancer Res, 2008

Sep 15. PMID 18794131. A new tumor suppressor DnaJ-like heat shock protein, HLJ1, and survival of patients with non-small-cell lung carcinoma. Tsai MF, et al. J Natl Cancer Inst, 2006 Jun 21. PMID 16788156. A member of the heat shock protein 40 family, hly1, binds to the carboxyl tail of the human mu opioid receptor. Ancevska-Taneva N, et al. Brain Res, 2006 Apr 7. PMID 16542645. The transcriptional factor YY1 upregulates the novel invasion suppressor HLJ1 expression and inhibits cancer cell invasion. Wang CC, et al. Oncogene, 2005 Jun 9. PMID 15782117.

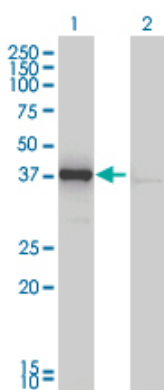
## Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (62.81 KDa) .

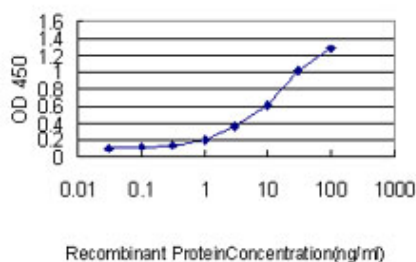


DNAJB4 monoclonal antibody (M01), clone 1H2-3G4  
Western Blot analysis of DNAJB4 expression in Jurkat (Cat # AT1791a )



Western Blot analysis of DNAJB4 expression in transfected 293T cell line by DNAJB4 monoclonal antibody (M01), clone 1H2-3G4.

Lane 1: DNAJB4 transfected lysate (38 KDa).  
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged DNAJB4 is approximately 0.3 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.