

## Product datasheet for **CF502348**

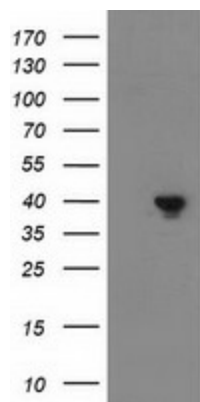
### Hsp40 (DNAJB1) Mouse Monoclonal Antibody [Clone ID: OTI1H8]

#### Product data:

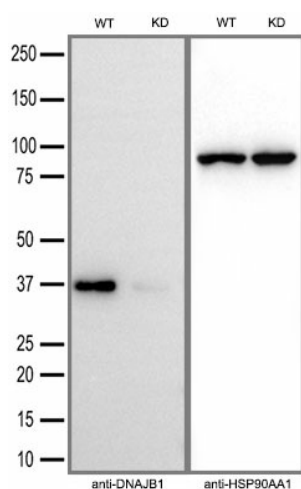
Product Type:	Primary Antibodies
Clone Name:	OTI1H8
Applications:	FC, WB
Recommended Dilution:	WB 1:2000, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human DNAJB1 (NP_006136) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37.9 kDa
Gene Name:	DnaJ heat shock protein family (Hsp40) member B1
Database Link:	<a href="#">NP_006136</a> <a href="#">Entrez Gene 81489 Mouse</a> <a href="#">Entrez Gene 361384 Rat</a> <a href="#">Entrez Gene 3337 Human</a> <a href="#">P25685</a>
Synonyms:	Hdj1; Hsp40; HSPF1; RSPH16B; Sis1

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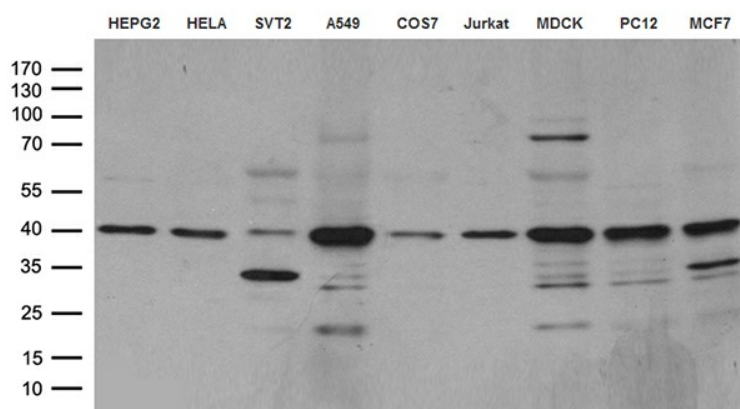
## Product images:



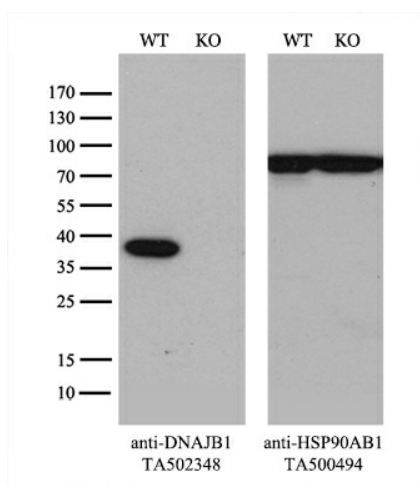
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DNAJB1 ([RC201762], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DNAJB1. Positive lysates [LY401851] (100ug) and [LC401851] (20ug) can be purchased separately from OriGene.



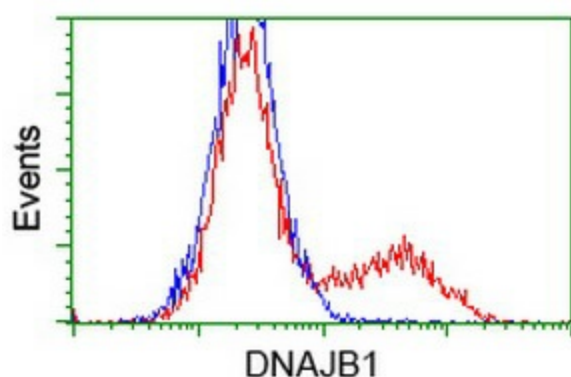
Equivalent amounts of cell lysates (30 ug per lane) of wild-type HeLa cells (WT) and DNAJB1-Knockdown HeLa cells (KD) were separated by SDS-PAGE and immunoblotted with anti-DNAJB1 monoclonal antibody [TA502348] (1:5000). Then the blotted membrane was stripped and reprobed with anti-HSP90AA1 antibody as a loading control.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-DNAJB1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:200).



Equivalent amounts of cell lysates (10 ug per lane) of wild-type 293T cells (WT, Cat# LC810293T) and DNAJB1-Knockout 293T cells (KO, Cat# [LC811758]) were separated by SDS-PAGE and immunoblotted with anti-DNAJB1 monoclonal antibody [TA502348], (1:500). Then the blotted membrane was stripped and reprobed with anti-HSP90AB1 antibody ([TA500494]) as a loading control.



HEK293T cells transfected with either [RC201762] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-DNAJB1 antibody ([TA502348]), and then analyzed by flow cytometry.