

## Product datasheet for **TA502195BM**

### Hsp40 (DNAJB1) Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI1F9]

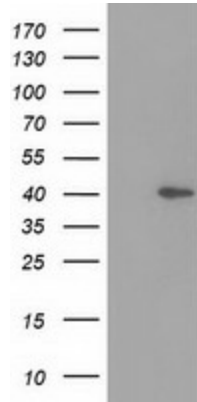
#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | OTI1F9  |
| Applications:           | FC, IF, IHC, WB   |
| Recommended Dilution:   | WB 1:500~2000, IHC 1:150, IF 1:100, FLOW 1:100  |
| Reactivity:             | Human, Dog, Mouse, Rat  |
| Host:                   | Mouse   |
| Isotype:                | IgG2b   |
| Clonality:              | Monoclonal  |
| Immunogen:              | Full length human recombinant protein of human DNAJB1 (NP_006136) produced in HEK293T cell.   |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol.   |
| Concentration:          | 0.5 mg/ml   |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)   |
| Conjugation:            | HRP   |
| 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><br><a href="#">Entrez Gene 81489 Mouse</a> <a href="#">Entrez Gene 361384 Rat</a> <a href="#">Entrez Gene 476688 Dog</a> <a href="#">Entrez Gene 3337 Human</a><br><a href="#">P25685</a> |
| Synonyms:               | Hdj1; Hsp40; HSPF1; RSPH16B; Sis1   |

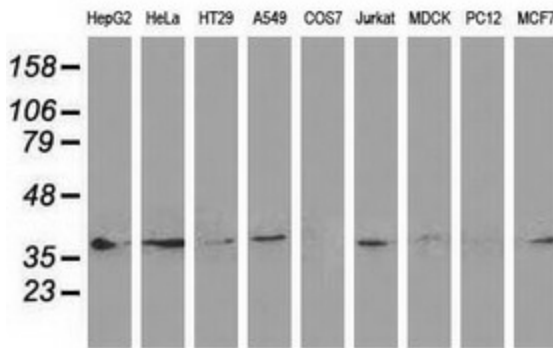


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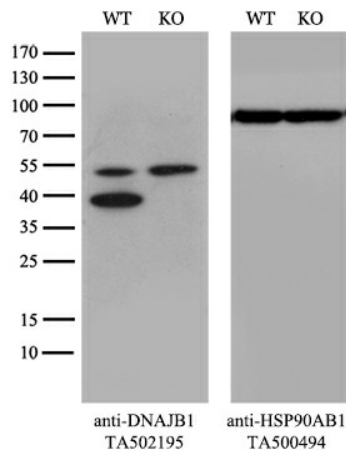
**Product images:**



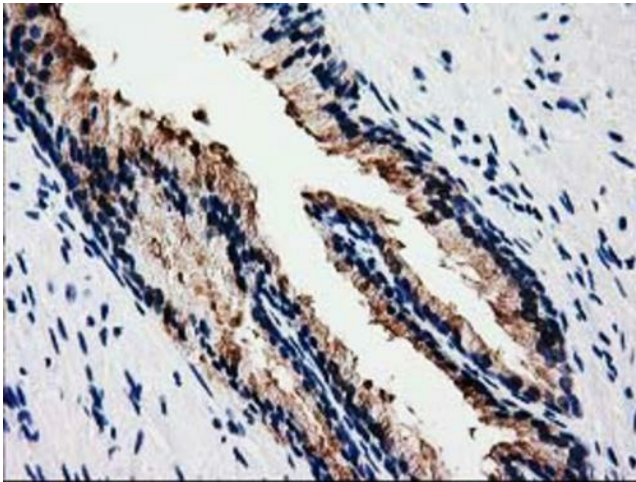
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DNAJB1 ([RC201762], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DNAJB1. Positive lysates [LY401851] (100ug) and [LC401851]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



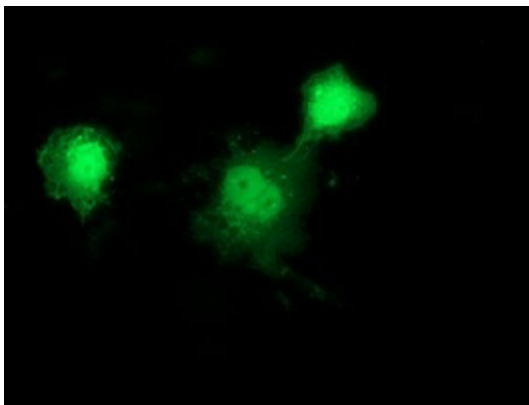
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-DNAJB1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



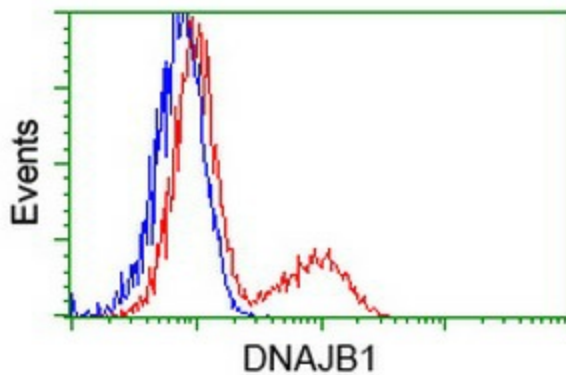
Equivalent amounts of cell lysates (10 ug per lane) of wild-type 293T cells (WT, Cat# LC810293T) and DNAJB1-Knockout 293T cells (KO, Cat# [LC811758]) were separated by SDS-PAGE and immunoblotted with anti-DNAJB1 monoclonal antibody [TA502195], (1:100). Then the blotted membrane was stripped and reprobed with anti-HSP90AB1 antibody ([TA500494]) as a loading control.



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-DNAJB1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502195])



Anti-DNAJB1 mouse monoclonal antibody ([TA502195]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY DNAJB1 ([RC201762]).



HEK293T cells transfected with either [RC201762] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-DNAJB1 antibody ([TA502195]), and then analyzed by flow cytometry.