

Product datasheet for **TA501708AM**

DNAJA2 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI3A11]

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI3A11 |
| Applications: | FC, WB |
| Recommended Dilution: | WB 1:500~2000, FLOW 1:100 |
| Reactivity: | Human, Dog, Rat, Monkey, Mouse |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human DNAJA2 (NP_005871) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Biotin |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 45.6 kDa |
| Gene Name: | Dnaj heat shock protein family (Hsp40) member A2 |
| Database Link: | NP_005871 Entrez Gene 84026 Rat Entrez Gene 478143 Dog Entrez Gene 716353 Monkey Entrez Gene 10294 Human O60884 |



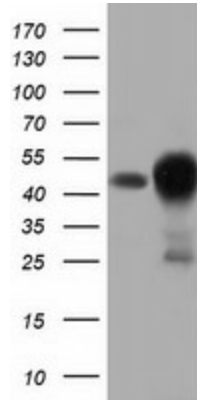
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Background:

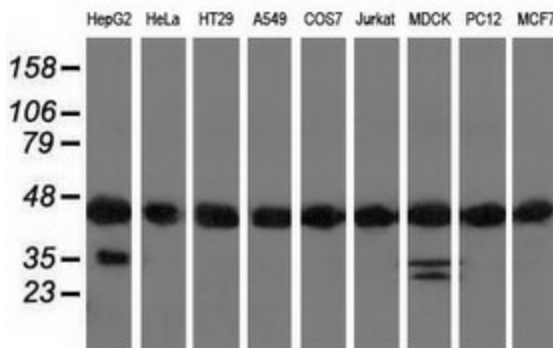
The protein encoded by this gene belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus; a glycine/phenylalanine (G/F)-rich region; and a cysteine-rich domain containing 4 motifs resembling a zinc finger domain. The product of this gene works as a cochaperone of Hsp70s in protein folding and mitochondrial protein import in vitro. [provided by RefSeq]

Synonyms:

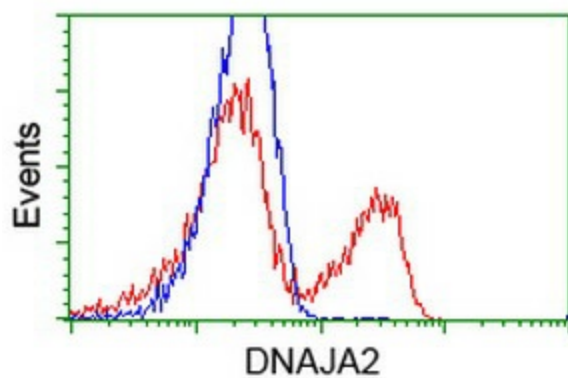
CPR3; DJ3; DJA2; DNAJ; DNJ3; HIRIP4; PRO3015; RDJ2

Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DNAJA2 ([RC202204], 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-DNAJA2. Positive lysates [LY401779] (100ug) and [LC401779] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-DNAJA2 monoclonal antibody.



HEK293T cells transfected with either [RC202204] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-DNAJA2 antibody ([TA501708]), and then analyzed by flow cytometry.