

Product datasheet for TA501710

DNAJA2 Mouse Monoclonal Antibody [Clone ID: OTI2A2]

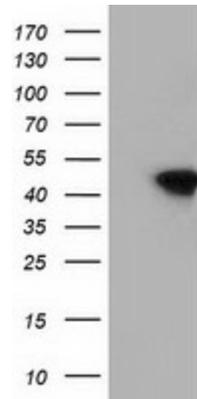
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2A2
Applications:	FC, IF, IHC, WB
Recommend Dilution:	WB 1:500~2000, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human, Monkey, Rat, Dog
Host:	Mouse
Isotype:	IgG1
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:	0.49 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	45.6 kDa
Gene Name:	Dnaj heat shock protein family (Hsp40) member A2
Database Link:	NP_005871 Entrez Gene 84026 RatEntrez Gene 478143 DogEntrez Gene 716353 MonkeyEntrez Gene 10294 Human
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

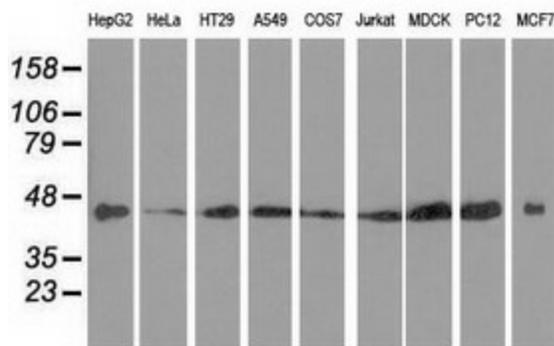


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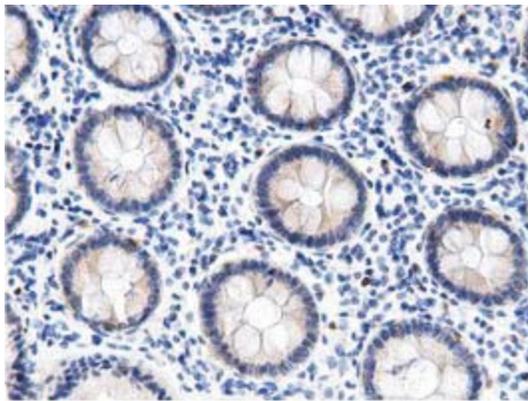
Product images:



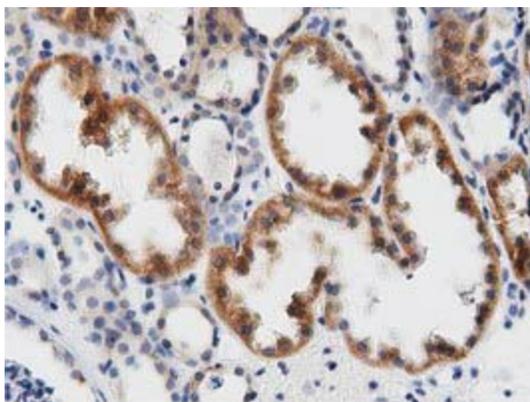
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DNAJA2 ([RC202204], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DNAJA2. Positive lysates [LY401779] (100ug) and [LC401779] (20ug) can be purchased separately from OriGene.



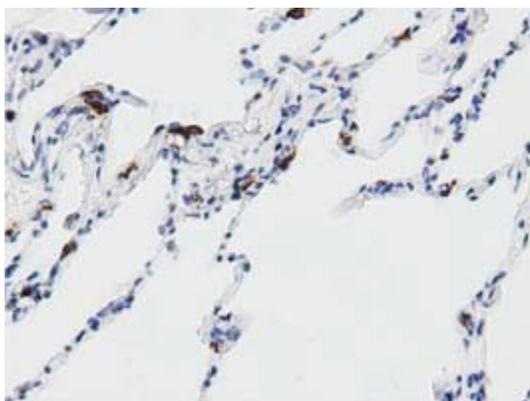
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-DNAJA2 monoclonal antibody.



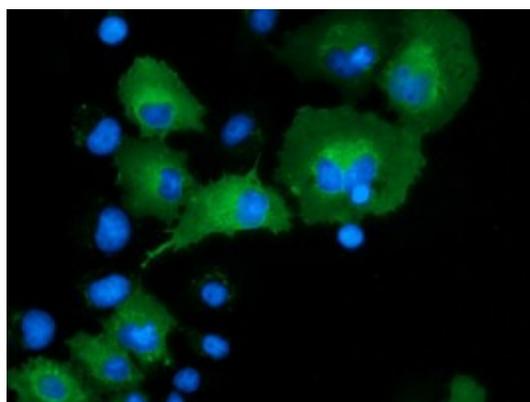
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-DNAJA2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501710, Dilution 1:50)



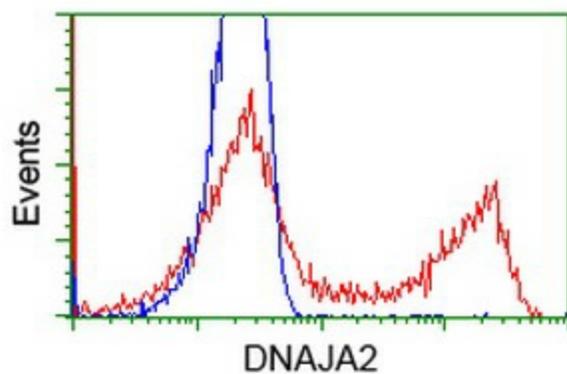
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-DNAJA2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501710, Dilution 1:50)



Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-DNAJA2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501710, Dilution 1:50)



Anti-DNAJA2 mouse monoclonal antibody (TA501710) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY DNAJA2 ([RC202204]).



HEK293T cells transfected with either [RC202204] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-DNAJA2 antibody (TA501710), and then analyzed by flow cytometry.