

KD-Validated Anti-DNAJA2 Mouse Monoclonal Antibody

Mouse monoclonal antibody Catalog # AGI2025

Specification

KD-Validated Anti-DNAJA2 Mouse Monoclonal Antibody - Product Information

Application WB, FC Primary Accession 060884

Reactivity
Clonality
Monoclonal
Isotype
Mouse IgG1

Calculated MW Predicted, 46 kDa, observed, 46 kDa KDa

Gene Name DNAJA2

Aliases

DNAJA2; DnaJ Heat Shock Protein Family
(Hsp40) Member A2; HIRIP4; CPR3; DNAJ;
DNJ3; Cell Cycle Progression Restoration

Gene 3 Protein; DnaJ (Hsp40) Homolog, Subfamily A, Member 2; DnaJ Homolog Subfamily A Member; Renal Carcinoma Antigen NY-REN-14; Cell Cycle Progression 3 Protein; HIRA Interacting Protein 4;

HIRA-Interacting Protein 4; PRO3015; DJA2;

RDJ2; Dnj3; DJ3; Dj3

Immunogen Recombinant protein of human DNAJA2

KD-Validated Anti-DNAJA2 Mouse Monoclonal Antibody - Additional Information

Gene ID **10294**

Other Names

DnaJ homolog subfamily A member 2, Cell cycle progression restoration gene 3 protein, Dnj3, Dj3, HIRA-interacting protein 4, Renal carcinoma antigen NY-REN-14, DNAJA2, CPR3, HIRIP4

KD-Validated Anti-DNAJA2 Mouse Monoclonal Antibody - Protein Information

Name DNAIA2

Synonyms CPR3, HIRIP4

Function

Co-chaperone of Hsc70. Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro) (PubMed:24318877).

Cellular LocationMembrane; Lipid-anchor

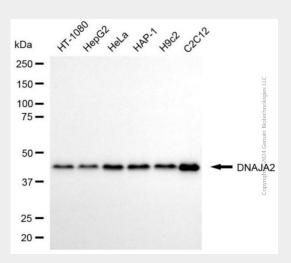


KD-Validated Anti-DNAJA2 Mouse Monoclonal Antibody - Protocols

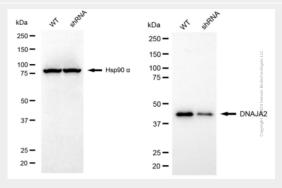
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

KD-Validated Anti-DNAJA2 Mouse Monoclonal Antibody - Images

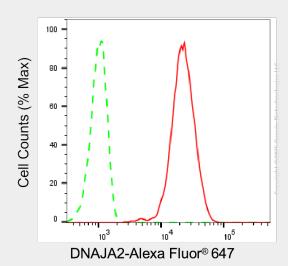


Western blotting analysis using anti-DNAJA2 antibody (Cat#AGI2025). Total cell lysates (10 μ g for C2C12 and 30 μ g for others) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DNAJA2 antibody (Cat#AGI2025, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-DNAJA2 antibody (Cat#AGI2025). DNAJA2 expression in wild type (WT) and DNAJA2 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-DNAJA2 antibody (Cat#AGI2025, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.





Flow cytometric analysis of DNAJA2 expression in C2C12 cells using anti-DNAJA2 antibody (Cat#AGI2025, 1:1,000). Green, isotype control; red, DNAJA2.