
Product Name: KD-Validated DNAJC12 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00940

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 23.4kDa

Antigen Information

Gene Name	DNAJC12 DNAJC12; DnaJ Heat Shock Protein Family (Hsp40) Member C12; JDP1; DnaJ (Hsp40)
Alternative Names	Homolog, Subfamily C, Member 12; DnaJ Homolog Subfamily C Member 12; J Domain-Containing Protein; J Domain Protein; J Domain Containing Protein 1 (JDP1); HPANBH4
Gene ID	56521.0
SwissProt ID	Q9UKB3
Immunogen	A synthesized peptide derived from human DNAJC12

Background

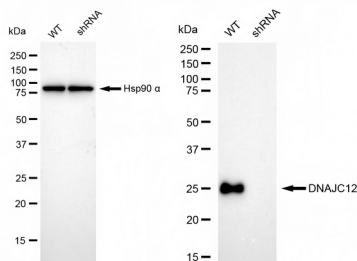
This gene encodes a member of a subclass of the HSP40/DnaJ protein family. Members of this family of proteins are associated with complex assembly, protein folding, and export. Two transcript variants encoding distinct isoforms have been identified for

this gene. [provided by RefSeq, Jul 2008]

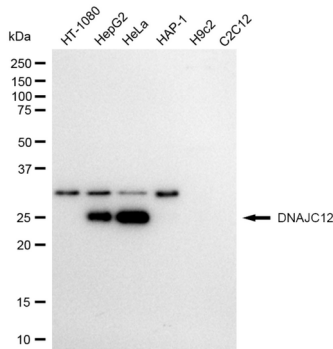
Research Area

Signal Transduction

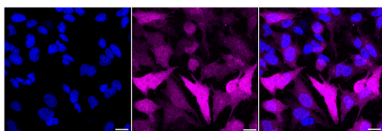
Image Data



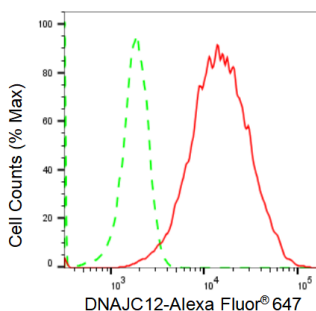
Western blotting analysis using DNAJC12 antibody (KVA00940). DNAJC12 expression in wild type (WT) and DNAJC12 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with DNAJC12 antibody (KVA00940, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using DNAJC12 antibody (KVA00940). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with DNAJC12 antibody (KVA00940, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively. DNAJC12, DnaJ heat shock protein family (Hsp40) member C12.



Immunocytochemical staining of HeLa cells with DNAJC12 antibody (KVA00940, 1:1,000). Nuclei were stained blue with DAPI; DNAJC12 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 µm.



Flow cytometric analysis of DNAJC12 expression in HeLa cells using DNAJC12 antibody (KVA00940, 1:2,000). Green, isotype control; red, DNAJC12.