

[KD Validated] Anti-DNAJC12 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

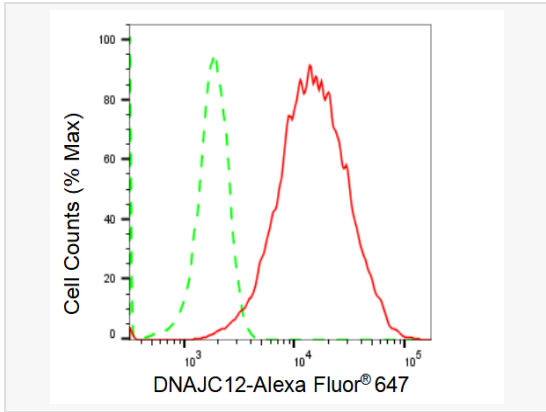
Catalog # R021014

Product Information

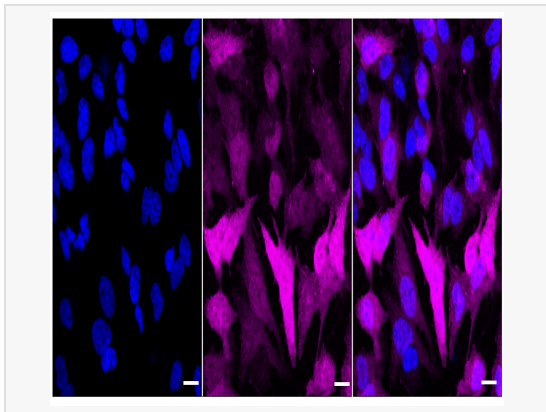
Application	WB, FC, IF (Cell)/ICC
Reactivity	Human
Dilution	WB 1:1,000~1:5,000; FC 1:200~1:2,000; IF 1:100~1:1,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	49Q23N66
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human DNAJC12
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 12 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	[KD Validated] Anti-DNAJC12 Rabbit mAb [49Q23N66] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

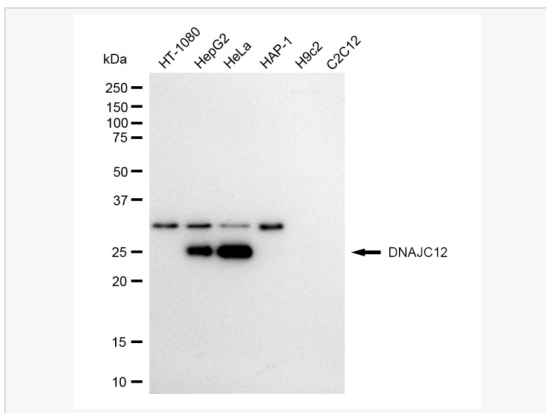
Synonyms	DNAJC12; DnaJ Heat Shock Protein Family (Hsp40) Member C12; JDP1; DnaJ (Hsp40) Homolog, Subfamily C, Member 12; DnaJ Homolog Subfamily C Member 12; J Domain-Containing Protein; J Domain Protein; J Domain Containing Protein 1 (JDP1); HPANBH4.
Calculated MW	Calculated MW: 23 kDa, Observed MW: 23 kDa
Uniprot ID	Q9UKB3
Gene ID	56521
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]



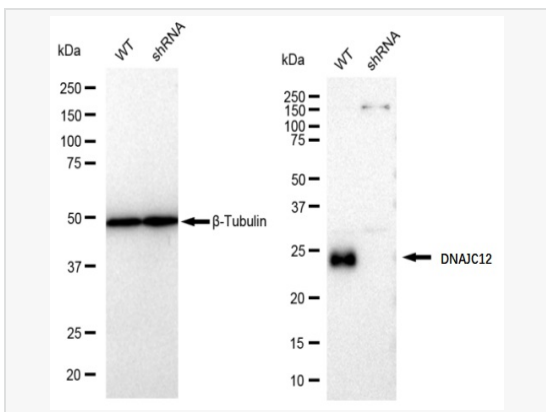
Flow cytometric analysis of DNAJC12 expression in HeLa cells using DNAJC12 antibody (R021014, 1:2,000). Green, isotype control; red, DNAJC12.



Immunocytochemical staining of HeLa cells with DNAJC12 antibody (R021014, 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.



Western blotting analysis using DNAJC12 antibody (R021014). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with DNAJC12 antibody (R021014, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit. DNAJC12, DnaJ heat shock protein family (Hsp40) member C12.



Western blotting analysis using DNAJC12 antibody (R021014). DNAJC12 expression in wild type (WT) and DNAJC12 shRNA knockdown (KD) HeLa cells with 30 μg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with DNAJC12 antibody (R021014, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.