

DNAJA2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant DNAJA2.

Catalog # AT1787a

Specification

DNAJA2 Antibody (monoclonal) (M01) - Product Information

Application	WB, IF, E
Primary Accession	O60884
Other Accession	BC013044
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	45746

DNAJA2 Antibody (monoclonal) (M01) - 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

Target/Specificity

DNAJA2 (AAH13044, 1 a.a. ~ 412 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IF~~1:50~200

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

DNAJA2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

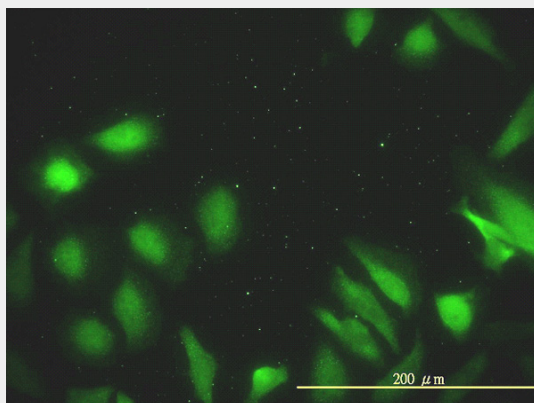
DNAJA2 Antibody (monoclonal) (M01) - Protocols

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

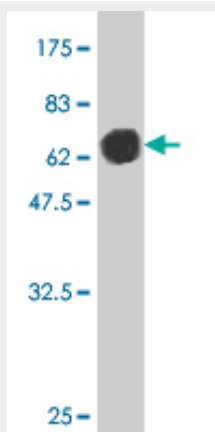
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

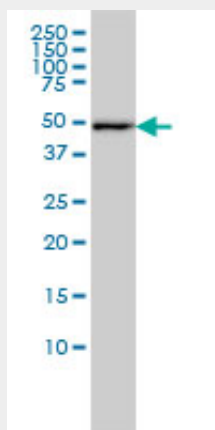
DNAJA2 Antibody (monoclonal) (M01) - Images



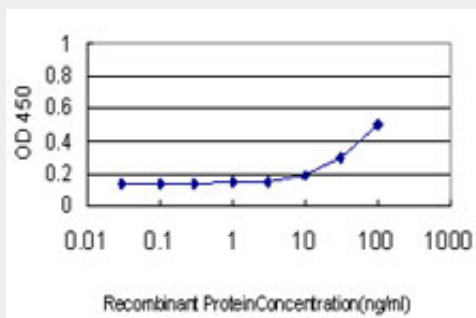
Immunofluorescence of monoclonal antibody to DNAJA2 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (71.06 KDa) .



DNAJA2 monoclonal antibody (M01), clone 2A11-F2 Western Blot analysis of DNAJA2 expression in A-431 (Cat # AT1787a)



Detection limit for recombinant GST tagged DNAJA2 is approximately 3ng/ml as a capture antibody.

DNAJA2 Antibody (monoclonal) (M01) - 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.

DNAJA2 Antibody (monoclonal) (M01) - References

1. Cell line specific modulation of extracellular α 2(42) by hsp40. Carnini A, Scott LO, Ahrendt E, Proft J, Winkfein RJ, Kim SW, Colicos MA, Braun JE. PLoS One. 2012;7(5):e37755. Epub 2012 May 29.
2. Quercetin targets cysteine string protein (CSP α) and impairs synaptic transmission. Xu F, Proft J, Gibbs S, Winkfein B, Johnson JN, Syed N, Braun JE. PLoS One. 2010 Jun 10;5(6):e11045.
3. RDJ2 (DNAJA2) chaperones neural G protein signaling pathways. Rosales-Hernandez A, Beck KE, Zhao X, Braun AP, Braun JE. Cell Stress Chaperones. 2009 Jan;14(1):71-82. Epub 2008 Jul 2.