

## **DNAJC10 Antibody (monoclonal) (M02)**

**Mouse monoclonal antibody raised against a partial recombinant DNAJC10.**

**Catalog # AT1795a**

### **Specification**

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#### **DNAJC10 Antibody (monoclonal) (M02) - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O8IXB1</a>
Other Accession	<a href="#">NM_018981</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>mouse</b>
Clonality	<b>Monoclonal</b>
Isotype	<b>IgG1 Kappa</b>
Calculated MW	<b>91080</b>

#### **DNAJC10 Antibody (monoclonal) (M02) - Additional Information**

**Gene ID** 54431

#### **Other Names**

DnaJ homolog subfamily C member 10, 184-, Endoplasmic reticulum DNA J domain-containing protein 5, ER-resident protein ERdj5, ERdj5, Macrothioredoxin, MTHr, DNAJC10, ERDJ5

#### **Target/Specificity**

DNAJC10 (NP\_061854, 688 a.a. ~ 793 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

#### **Dilution**

WB~~1:500~1000

#### **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**

DNAJC10 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

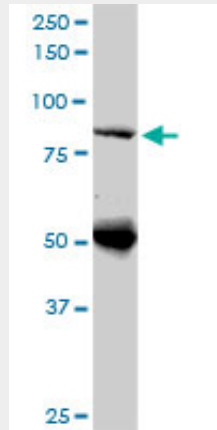
#### **DNAJC10 Antibody (monoclonal) (M02) - Protocols**

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

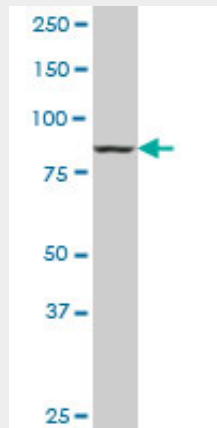
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

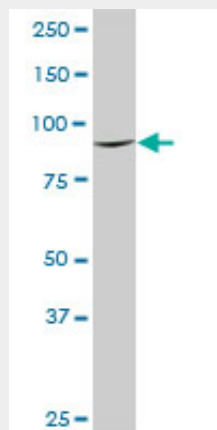
### DNAJC10 Antibody (monoclonal) (M02) - Images



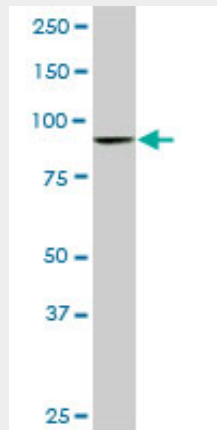
DNAJC10 monoclonal antibody (M02), clone 3A8. Western Blot analysis of DNAJC10 expression in human kidney.



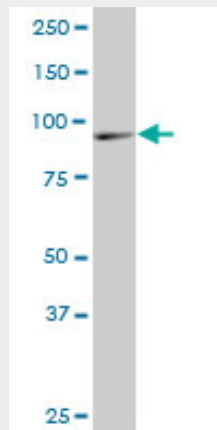
DNAJC10 monoclonal antibody (M02), clone 3A8. Western Blot analysis of DNAJC10 expression in HeLa ( (Cat # AT1795a )



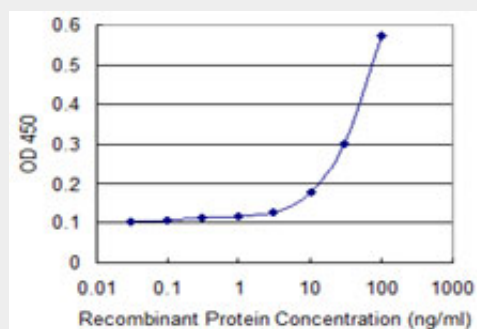
DNAJC10 monoclonal antibody (M02), clone 3A8. Western Blot analysis of DNAJC10 expression in PC-12 ( (Cat # AT1795a )



DNAJC10 monoclonal antibody (M02), clone 3A8. Western Blot analysis of DNAJC10 expression in Raw 264.7 ( (Cat # AT1795a )



DNAJC10 monoclonal antibody (M02), clone 3A8. Western Blot analysis of DNAJC10 expression in NIH/3T3 ( (Cat # AT1795a )



Detection limit for recombinant GST tagged DNAJC10 is 3 ng/ml as a capture antibody.

### **DNAJC10 Antibody (monoclonal) (M02) - References**

Meckel-Gruber syndrome protein MKS3 is required for endoplasmic reticulum-associated degradation of surfactant protein C. Wang M, et al. J Biol Chem, 2009 Nov 27. PMID 19815549. ERdj5 sensitizes neuroblastoma cells to endoplasmic reticulum stress-induced apoptosis. Thomas CG, et al. J Biol Chem, 2009 Mar 6. PMID 19122239. ERdj5 is required as a disulfide reductase for degradation of misfolded proteins in the ER. Ushioda R, et al. Science, 2008 Jul 25. PMID 18653895. ERdj4 and ERdj5 are required for endoplasmic reticulum-associated protein degradation

of misfolded surfactant protein C. Dong M, et al. Mol Biol Cell, 2008 Jun. PMID 18400946. Signal sequence and keyword trap in silico for selection of full-length human cDNAs encoding secretion or membrane proteins from oligo-capped cDNA libraries. Otsuki T, et al. DNA Res, 2005. PMID 16303743.