

## **DNAJC10 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant DNAJC10.

Catalog # AT1794a

### **Specification**

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#### **DNAJC10 Antibody (monoclonal) (M01) - Product Information**

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

#### **DNAJC10 Antibody (monoclonal) (M01) - 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) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

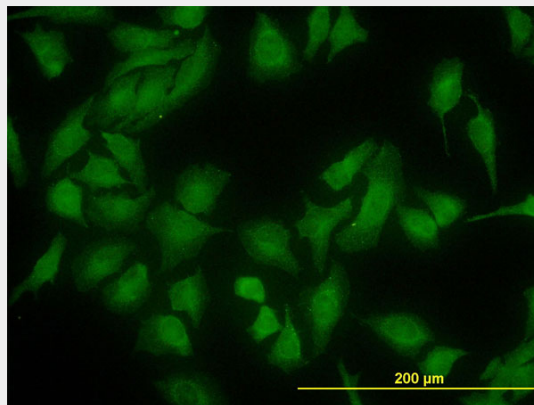
#### **DNAJC10 Antibody (monoclonal) (M01) - Protocols**

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

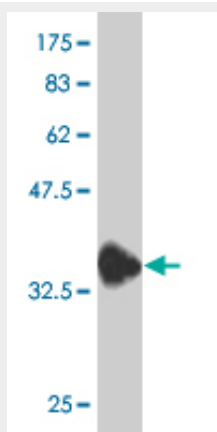
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

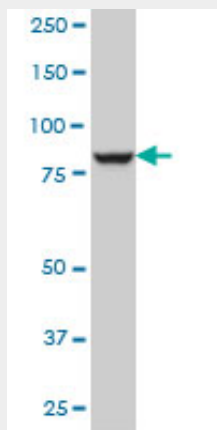
### DNAJC10 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to DNAJC10 on HeLa cell. [antibody concentration 10 ug/ml]

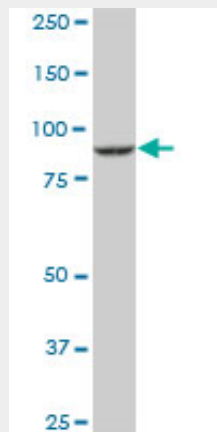


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.4 KDa) .

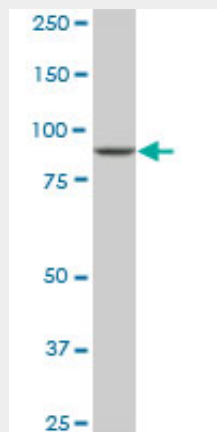


DNAJC10 monoclonal antibody (M01), clone 3C4. Western Blot analysis of DNAJC10 expression in

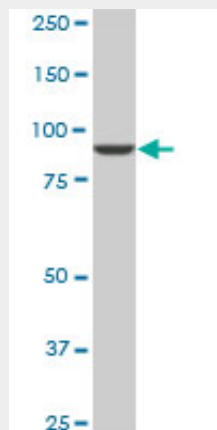
HeLa ( (Cat # AT1794a )



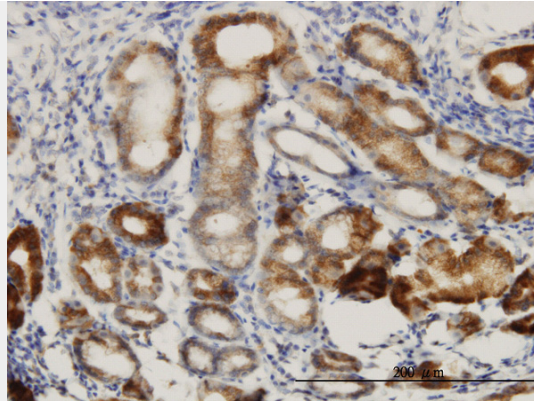
DNAJC10 monoclonal antibody (M01), clone 3C4. Western Blot analysis of DNAJC10 expression in PC-12 ( (Cat # AT1794a )



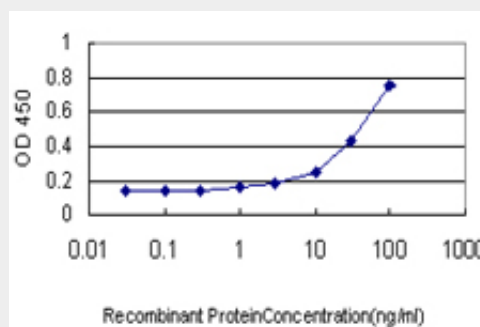
DNAJC10 monoclonal antibody (M01), clone 3C4. Western Blot analysis of DNAJC10 expression in Raw 264.7 ( (Cat # AT1794a )



DNAJC10 monoclonal antibody (M01), clone 3C4. Western Blot analysis of DNAJC10 expression in NIH/3T3 ( (Cat # AT1794a )



Immunoperoxidase of monoclonal antibody to DNAJC10 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged DNAJC10 is approximately 10ng/ml as a capture antibody.

### **DNAJC10 Antibody (monoclonal) (M01) - 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.