

DNAJC10 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant DNAJC10.****Catalog # AT1794a****Specification**

DNAJC10 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, IF, E
Primary Accession	Q8IXB1
Other Accession	NM_018981
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

IHC~~1:100~500

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

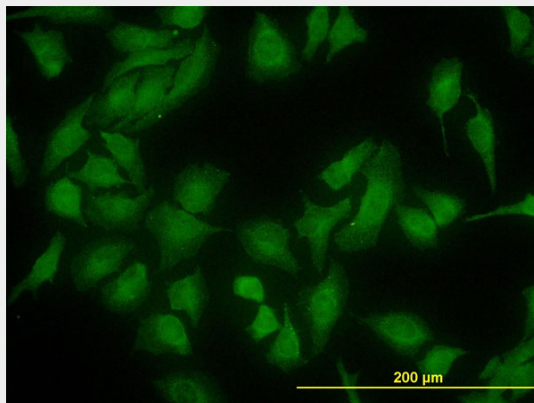
DNAJC10 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

DNAJC10 Antibody (monoclonal) (M01) - Protocols

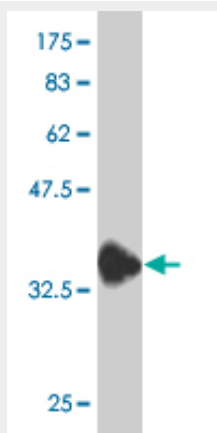
Provided below are standard protocols that you may find useful for product applications.

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

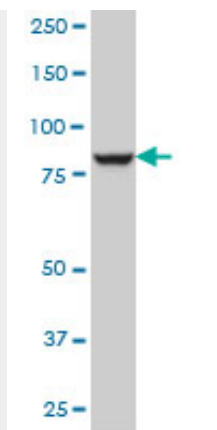
DNAJC10 Antibody (monoclonal) (M01) - Images



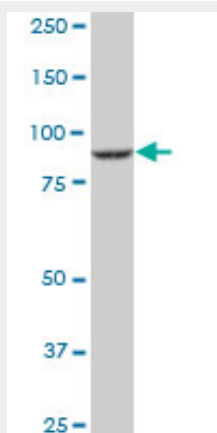
Immunofluorescence of monoclonal antibody to DNAJC10 on HeLa cell. [antibody concentration 10 ug/ml]



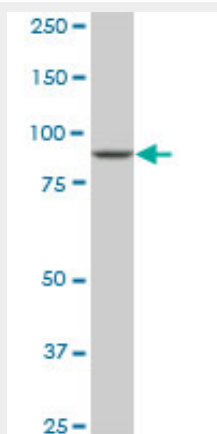
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.4 KDa) .



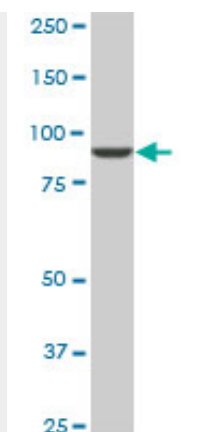
DNAJC10 monoclonal antibody (M01), clone 3C4. Western Blot analysis of DNAJC10 expression in HeLa (Cat # AT1794a)



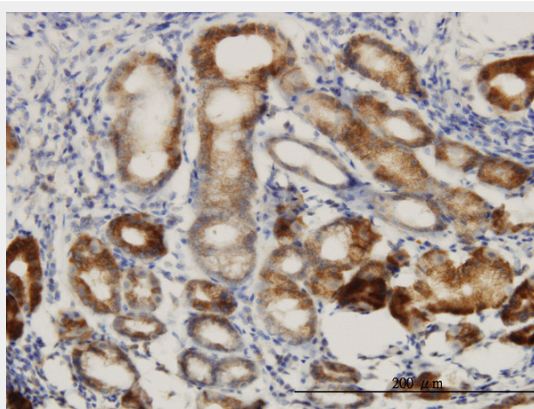
DNAJC10 monoclonal antibody (M01), clone 3C4. Western Blot analysis of DNAJC10 expression in PC-12 (Cat # AT1794a)



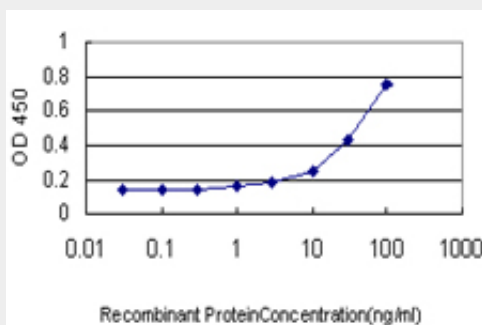
DNAJC10 monoclonal antibody (M01), clone 3C4. Western Blot analysis of DNAJC10 expression in Raw 264.7 (Cat # AT1794a)



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

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