

# DNAJC10 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant DNAJC10.

Catalog # AT1794a

## Product Information

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<b>Application</b>	WB, IHC, IF, E
<b>Primary Accession</b>	<a href="#">Q8IXB1</a>
<b>Other Accession</b>	<a href="#">NM_018981</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 Kappa
<b>Clone Names</b>	3C4
<b>Calculated MW</b>	91080

## Additional Information

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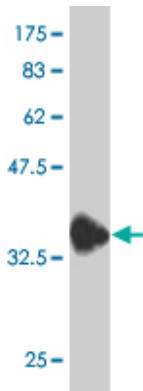
<b>Gene ID</b>	54431
<b>Other Names</b>	DnaJ homolog subfamily C member 10, 184-, Endoplasmic reticulum DNA J domain-containing protein 5, ER-resident protein ERdj5, ERdj5, Macrothioredoxin, MTHr, DNAJC10, ERDJ5
<b>Target/Specificity</b>	DNAJC10 (NP_061854, 688 a.a. ~ 793 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	DNAJC10 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## References

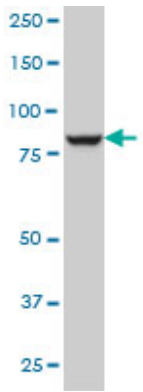
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Meckel-Gruber syndrome protein MKS3 is required for endoplasmic reticulum-associated degradation of surfactant protein C. Wang M, et al. J Biol Chem, 2009 Nov 27. PMID 19815549.ERdj5 sensitizes neuroblastoma cells to endoplasmic reticulum stress-induced 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,

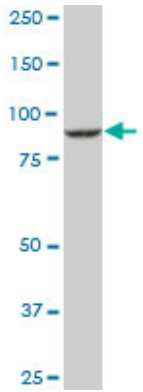
Images



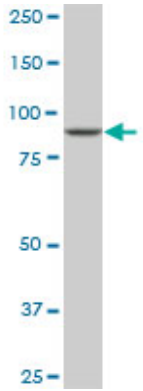
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.4 KDa) .



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

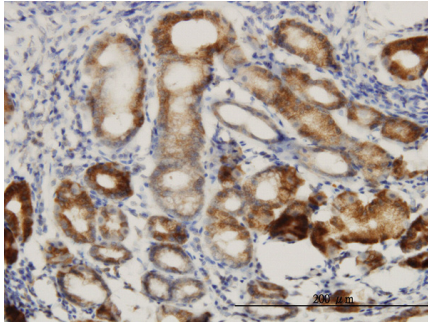
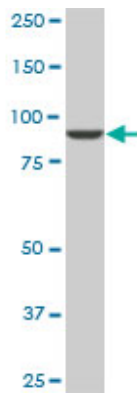


DNAJC10 monoclonal antibody (M01), clone 3C4. Western Blot analysis of DNAJC10 expression in PC-12 ( (Cat # AT1794a )

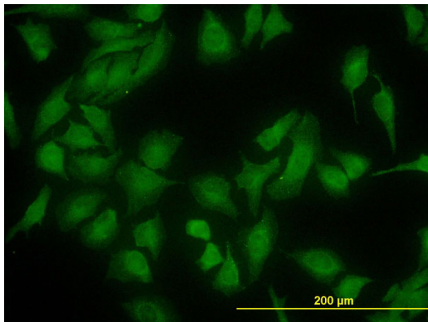


DNAJC10 monoclonal antibody (M01), clone 3C4. Western Blot analysis of DNAJC10 expression in Raw 264.7 ( (Cat # AT1794a )

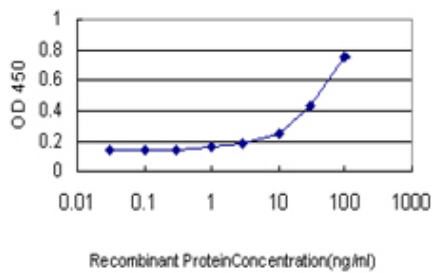
DNAJC10 monoclonal antibody (M01), clone 3C4. Western Blot analysis of DNAJC10 expression in NIH/3T3 ( (Cat # AT1794a )



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



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.