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DNAJC10 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant DNAJC10.
Catalog # AT1794a

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
Clone Names	3C4
Calculated MW	91080

Additional Information

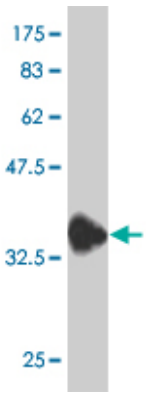
Gene ID	54431
Other Names	DnaJ homolog subfamily C member 10, 184-, Endoplasmic reticulum DNA J domain-containing protein 5, ER-resident protein ERdj5, ERdj5, Macrothioredoxin, MTHr, DNAJC10, ERDJ5
Target/Specificity	DNAJC10 (NP_061854, 688 a.a. ~ 793 a.a) partial recombinant protein with GST tag. MW 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.

References

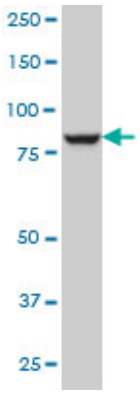
Meckel-Gruber syndrome protein MKS3 is required for endoplasmic reticulum-associated degradation of surfactant protein C. Wang M, et al. J Biol Chem, 2009 Nov 27. PMID 19815549.ERdj5 sensitizes neuroblastoma cells to endoplasmic reticulum stress-induced apoptosis. Thomas CG, et al. J Biol Chem, 2009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

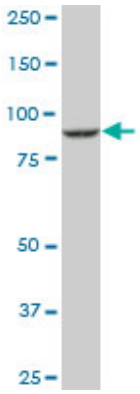
Images



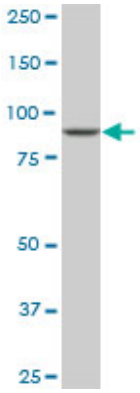
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.4 KDa) .



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

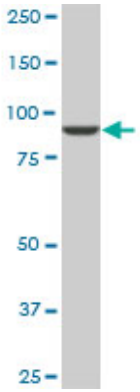


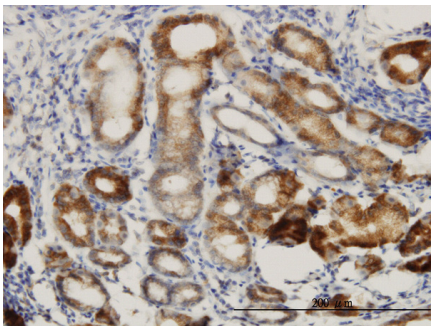
DNAJC10 monoclonal antibody (M01), clone 3C4. Western Blot analysis of DNAJC10 expression in PC-12 ((Cat # AT1794a)



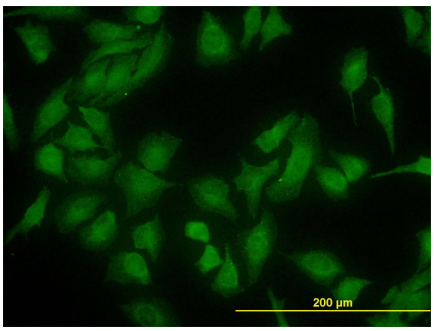
DNAJC10 monoclonal antibody (M01), clone 3C4. Western Blot analysis of DNAJC10 expression in Raw 264.7 ((Cat # AT1794a)

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

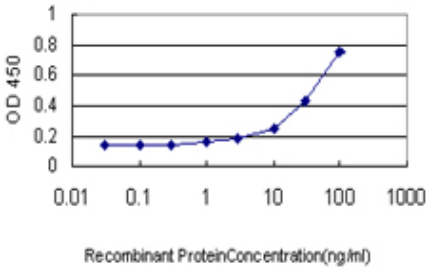




Immunoperoxidase of monoclonal antibody to DNAJC10 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3 ug/ml]



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'.