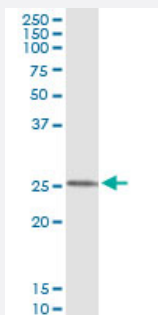


FXN monoclonal antibody (M01), clone 1D9

Catalog # H00002395-M01

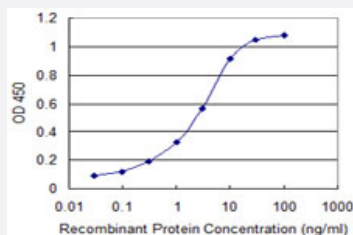
Size 100 ug

Applications



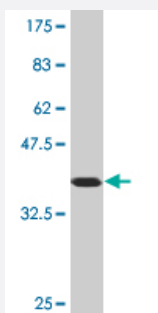
Immunoprecipitation

Immunoprecipitation of FXN transfected lysate using anti-FXN monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with FXN MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FXN is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant FXN.

Immunogen	FXN (AAH48097.1, 91 a.a. ~ 200 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DETTYERLAEETLDSLAEFFEDLADKPYTFEDYDVSFGSGVLTVKLGDDLGTIVINKQTPNKKQWL SSPSSGPKRYDWTGKNWVYSHDGVSLHELLAAELTKALKTKLDL
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of FXN transfected lysate using anti-FXN monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with FXN MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FXN is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FXN

Entrez GeneID [2395](#)

GeneBank Accession# [NM_000144](#)

Protein Accession#	AAH48097.1
Gene Name	FXN
Gene Alias	CyaY, FA, FARR, FRDA, MGC57199, X25
Gene Description	frataxin
Omim ID	229300 606829
Gene Ontology	Hyperlink
Gene Summary	This nuclear gene encodes a mitochondrial protein which belongs to FRATAXIN family. The protein functions in regulating mitochondrial iron transport and respiration. The expansion of intronic trinucleotide repeat GAA results in Friedreich ataxia. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Other Designations	OTTHUMP00000021428

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- [Cardiovascular Diseases](#)
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