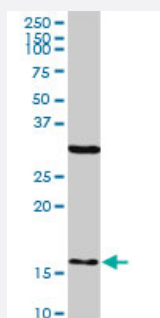


FIS1 monoclonal antibody (M01), clone 1G9

Catalog # H00051024-M01

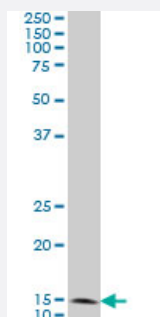
Size 50 ug

Applications



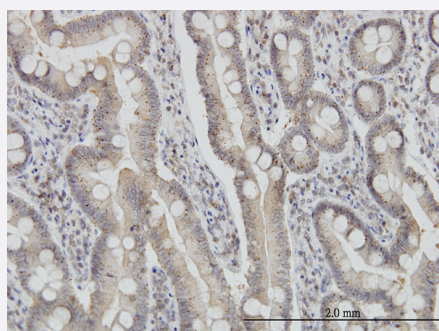
Western Blot (Tissue lysate)

FIS1 monoclonal antibody (M01), clone 1G9. Western Blot analysis of FIS1 expression in human liver.



Western Blot (Cell lysate)

FIS1 monoclonal antibody (M01), clone 1G9 Western Blot analysis of FIS1 expression in A-431 (Cat # L015V1).

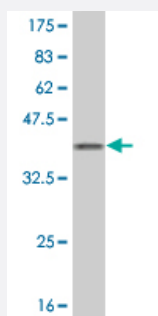
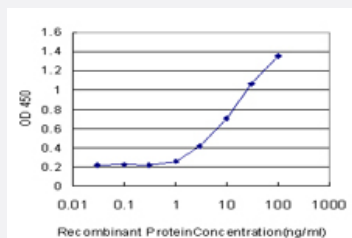


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to FIS1 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FIS1 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (42.46 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant FIS1.
Immunogen	FIS1 (AAH03540.1, 1 a.a. ~ 152 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEAVLNELVSVEDLLKFEKKFQSEKAAGSVSKSTQFEYAWCLVRSKYND DIRKGM LLEELL PKG SKEEQRDYVFYLAVGNRYRLKEYEKALKYVRGLLQTEPQNNQAKELERLIDKAMKKDGLVGMAMG GMALGVAGLAGLIGLAVSKSKS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (97)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (42.46 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 (Tissue lysate)

FIS1 monoclonal antibody (M01), clone 1G9. Western Blot analysis of FIS1 expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

FIS1 monoclonal antibody (M01), clone 1G9 Western Blot analysis of FIS1 expression in A-431 (Cat # L015V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to FIS1 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FIS1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FIS1

Entrez GeneID	51024
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GeneBank Accession#	BC003540
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Protein Accession#	AAH03540.1
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Gene Name	FIS1
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Gene Alias	CGI-135, TTC11
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Gene Description	fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae)
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Omim ID	609003
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Gene Ontology[Hyperlink](#)**Gene Summary**

The balance between fission and fusion regulates the morphology of mitochondria. TTC11 is a component of a mitochondrial complex that promotes mitochondrial fission (James et al., 2003 [PubMed 12783892]).[supplied by OMIM]

Other Designations

H_NH0132A01.6|tetratricopeptide repeat domain 11