

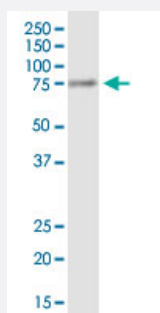
CX Grade

DNM1L monoclonal antibody (M01J), clone 3B5

Catalog # H00010059-M01J

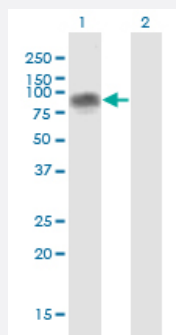
Size 100 ug

Applications



Western Blot (Cell lysate)

DNM1L monoclonal antibody (M01J), clone 3B5. Western Blot analysis of DNM1L expression in K-562.

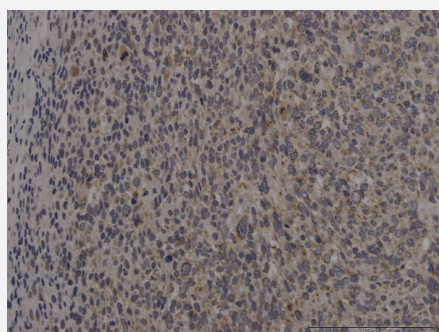


Western Blot (Transfected lysate)

Western Blot analysis of DNM1L expression in transfected 293T cell line by DNM1L monoclonal antibody (M01J), clone 3B5.

Lane 1: DNM1L transfected lysate (Predicted MW: 79.4000000 KDa).

Lane 2: Non-transfected lysate.

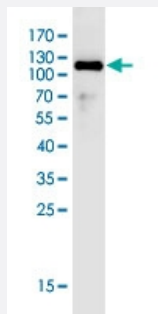
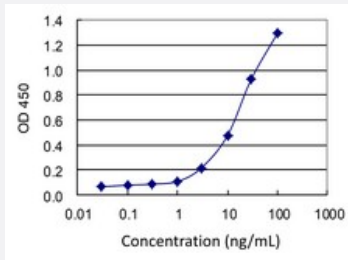


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to DNM1L on formalin-fixed paraffin-embedded human leiomyosarcoma. [antibody concentration 1 ug/ml]

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DNM1L is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (103.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant DNM1L. This product is belong to Cell Culture Grade Antibody (CX Grade).

Immunogen

DNM1L (AAH24590.1, 1 a.a. ~ 710 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MEALIPVINKLQDVFNVTGADIQLPQIVVGTQSSGKSSVLESVGRDLLPRGTGMVTRRPLILQLVH
VSQEDKRKTTGEENGVEAEWVGKFLHTKNKLYTDFDEIRQEIENETERISGNNKGVSPPIHLKIFS
PNVVNLTLVDLPGMTKVPVGDQPKDIELQIRELILRFISNPNSIILAVTAANTDMATSEALKISREVD
DGRRTLAVITKLDLMDAGTDAMDVLMGRVIPVKLGIGVVNRSQLDINNKKSVTDSIRDEYAFQKK
YPSLANRNGTKYLARTLNRLMHHRDCLPELKTRINVLAAQYQSLNSYGEVDDKSATLLQLITKF
ATEYCNTIEGTAKYIETSELGCGARICYIFHETFGRTLESVDPLGGLNTIDILTAIRNATGPRPALFVPE
VSFELLVKRQIKRLEEPSLRCVELVHEEMQRIQHCSNYSTQELLRFPKLHDAIVEVVTCLLRKRLP
VTNEMVHNLVAIELAYINTKHPDFADACGLMNNNIEQRRNRLARELPSAVSRDKLIQDSRRETKN
VASGGGGVGDGVQEPTTGNWRGMLKTSKAEELLAEEKSKIPIMPASPQKGHAVNLLDVPVPV
ARKLSAREQRDCEVIERLIKSYFLVRKNIQDSVPKAVMHFLVNHVKDTLQSELVGQLYKSSLLDDL
LTESEDMAQRRKEAADMLKALQGASQIAEIRETHLW

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (97); Rat (98)

Preparation Method

Cell Culture Production

Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (103.84 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 (Cell lysate)

DNM1L monoclonal antibody (M01J), clone 3B5. Western Blot analysis of DNM1L expression in K-562.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of DNM1L expression in transfected 293T cell line by DNM1L monoclonal antibody (M01J), clone 3B5.

Lane 1: DNM1L transfected lysate (Predicted MW: 79.4000000 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to DNM1L on formalin-fixed paraffin-embedded human leiomyosarcoma. [antibody concentration 1 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DNM1L is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DNM1L

Entrez GeneID	10059
GeneBank Accession#	BC024590
Protein Accession#	AAH24590.1
Gene Name	DNM1L
Gene Alias	DLP1, DRP1, DVLP, DYMPLE, DYNIV-11, FLJ41912, HDYNV, VPS1
Gene Description	dynamin 1-like
Omim ID	603850
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the dynamin superfamily of GTPases. Members of the dynamin-related subfamily, including the <i>S. cerevisiae</i> proteins Dnm1 and Vps1, contain the N-terminal tripartite GTPase domain but do not have the pleckstrin homology or proline-rich domains. This protein establishes mitochondrial morphology through a role in distributing mitochondrial tubules throughout the cytoplasm. The gene has 3 alternatively spliced transcripts encoding different isoforms. These transcripts are alternatively polyadenylated. [provided by RefSeq]
Other Designations	Dnm1p/Vps1p-like protein dynamin 1-like protein dynamin family member proline-rich carboxyl-terminal domain less dynamin-like protein 4 dynamin-like protein IV dynamin-related protein 1

Pathway

- [Endocytosis](#)
- [Fc gamma R-mediated phagocytosis](#)

Disease

- [Tobacco Use Disorder](#)