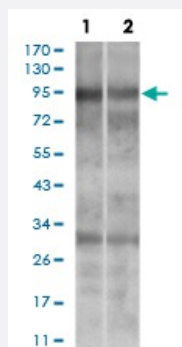


DNM1L monoclonal antibody, clone 4E11B11

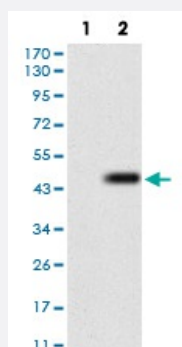
Catalog # MAB17765 Size 100 ug

Applications



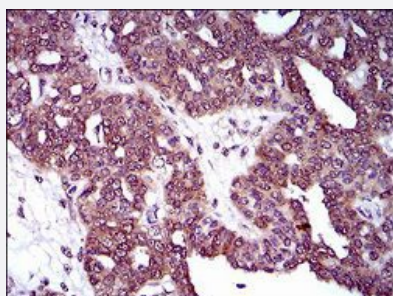
Western Blot (Cell lysate)

Western blot analysis of (1) A549 cell, (2) Jurkat cell with DNM1L monoclonal antibody.



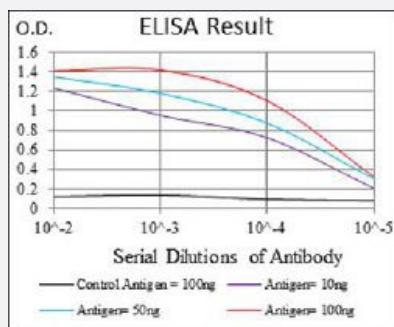
Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) DNM1L-hlgGfC transfected HEK293 cell lysate with DNM1L monoclonal antibody.



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

Immunohistochemical staining of paraffin-embedded cerebellum tissue with DNM1L monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of DNM1L monoclonal antibody, clone 4E11B11.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human DNM1L.
Immunogen	Recombinant protein corresponding to amino acids 69-213 of human DNM1L from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	81.9
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry Immunocytochemistry Immunohistochemistry (1:200-1:1000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of (1) A549 cell, (2) Jurkat cell with DNM1L monoclonal antibody.

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) DNM1L-hlgGfc transfected HEK293 cell lysate with DNM1L monoclonal antibody.

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

Immunohistochemical staining of paraffin-embedded cerebellum tissue with DNM1L monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of DNM1L monoclonal antibody, clone 4E11B11.

Gene Info — DNM1L

Entrez GeneID [10059](#)

Gene Name DNM1L

Gene Alias DLP1, DRP1, DVLP, DYMPLE, DYNIV-11, FLJ41912, HDYIN, 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 *S. cerevisiae* 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](#)