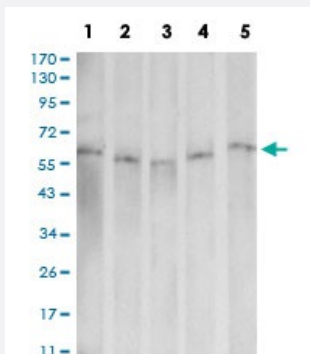


DNM2 monoclonal antibody, clone 3F5F3

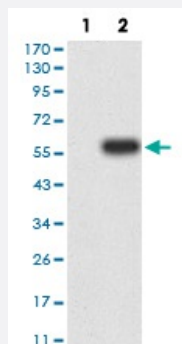
Catalog # MAB17594 Size 100 ug

Applications



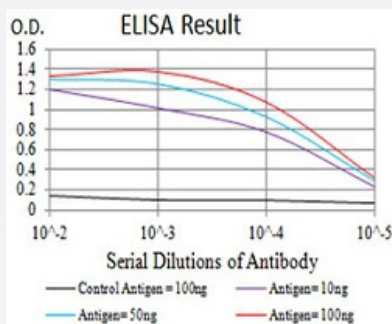
Western Blot (Cell lysate)

Western blot analysis of (1) Hela cell, (2) U251 cell, (3) K562 cell, (4) Jurkat cell, (5) Ramos cell with DNM2 monoclonal antibody.



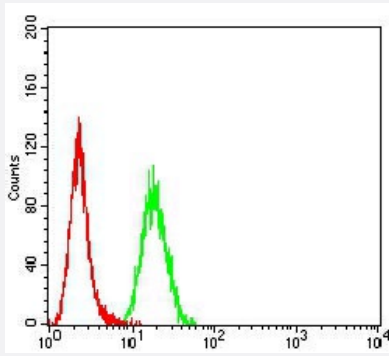
Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) DNM2-hlgGfc transfected HEK293 cell lysate.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of DNM2 monoclonal antibody, clone 3F5F3.



Flow Cytometry

Flow cytometric analysis of Hela cells with DNM2 monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human DNM2.
Immunogen	Recombinant protein corresponding to amino acid 520-744 of human DNM2 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	98
Reactivity	Human
Form	Liquid
Isotype	IgG2a
Recommend Usage	ELISA (1:10000) Western Blot (1:250-1:1000) Immunocytochemistry Flow Cytometry (1:200-1:400) Immunohistochemistry 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) Hela cell, (2) U251 cell, (3) K562 cell, (4) Jurkat cell, (5) Ramos cell with DNM2 monoclonal antibody.

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) DNM2-hlgGfc transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of DNM2 monoclonal antibody, clone 3F5F3.

- Flow Cytometry

Flow cytometric analysis of Hela cells with DNM2 monoclonal antibody (green) and negative control (red).

Gene Info — DNM2

Entrez GeneID [1785](#)

Gene Name DNM2

Gene Alias CMTD11, CMTD1B, DI-CMTB, DYN2, DYNII

Gene Description dynamin 2

Omim ID [160150](#) [602378](#) [606482](#)

Gene Ontology [Hyperlink](#)

Gene Summary

Dynamins represent one of the subfamilies of GTP-binding proteins. These proteins share considerable sequence similarity over the N-terminal portion of the molecule, which contains the GTPase domain. Dynamins are associated with microtubules. They have been implicated in cell processes such as endocytosis and cell motility, and in alterations of the membrane that accompany certain activities such as bone resorption by osteoclasts. Dynamins bind many proteins that bind actin and other cytoskeletal proteins. Dynamins can also self-assemble, a process that stimulates GTPase activity. Four alternatively spliced transcripts encoding different proteins have been described. Additional alternatively spliced transcripts may exist, but their full-length nature has not been determined. [provided by RefSeq]

Other Designations dynamin II

Pathway

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

Disease

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Genetic Predisposition to Disease](#)