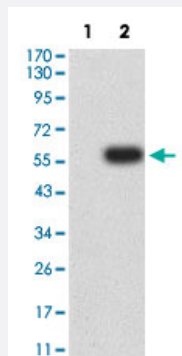


DNM2 monoclonal antibody, clone 3F5C7

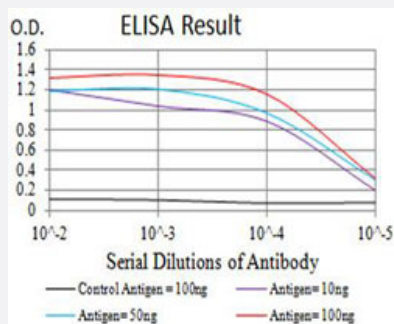
Catalog # MAB17964 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: DNM2-hlgGfC transfected HEK293 cell lysates with DNM2 monoclonal antibody, clone 3F5C7 (Cat # MAB17964).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with DNM2 monoclonal antibody, clone 3F5C7 (Cat # MAB17964).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human DNM2.
Immunogen	Recombinant protein corresponding to amino acids 520-744 of human DNM2.
Host	Mouse
Theoretical MW (kDa)	98
Reactivity	Human
Form	Liquid

Isotype	IgG2a
Recommend Usage	ELISA (1:10000) Western Blot (1:100-1:500) 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 (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: DNM2-hlgFc transfected HEK293 cell lysates with DNM2 monoclonal antibody, clone 3F5C7 (Cat # MAB17964).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with DNM2 monoclonal antibody, clone 3F5C7 (Cat # MAB17964).

Gene Info — DNM2

Entrez GeneID	1785
Protein Accession#	P50570
Gene Name	DNM2
Gene Alias	CMTDI1, CMTDIB, 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](#)