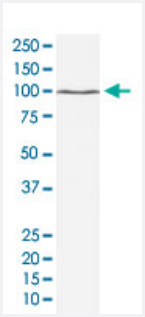
DNM2 monoclonal antibody, clone ACFF-4

Catalog # MAB22110 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of Jurkat cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human DNM2.
Immunogen	A synthetic peptide corresponding to human DNM2.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody reacts with human, mouse, rat DNM2, in native form and recombinant. Superfamily members of DNM2 are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:100) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200) Immunofluorescence (1:50-200) Immunocytochemistry (1:50-200) Western Blot (1:500-1000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% 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 shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western Blot (cell lysate) analysis of Jurkat cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry
- Immunofluorescence
- Flow Cytometry

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