
Product Name: Dynamin-2 Mouse Monoclonal Antibody**Catalog #: AMM81963**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:250-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	98kDa

Antigen Information

Gene Name	Dynamin-2
Alternative Names	DNM2;DYN2; CMT2M; DYNII; LCCS5; CMTDI1; CMTDIB; DI-CMTB
Gene ID	1785.0
SwissProt ID	P50570
Immunogen	Purified recombinant fragment of human Dynamin-2 (AA: 520-744) expressed in E. Coli.

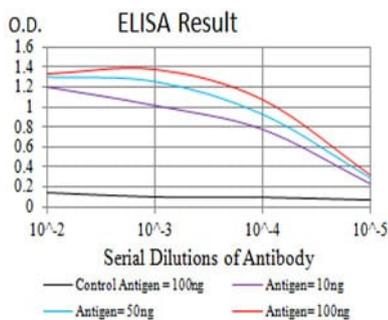
Background

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

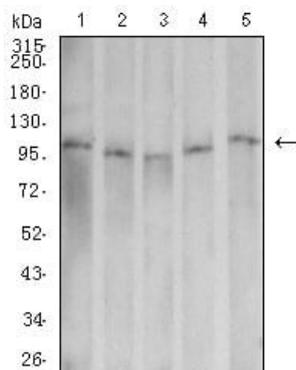
accompany certain activities such as bone resorption by osteoclasts. Dynamins bind many proteins that bind actin and other cytoskeletal proteins. Dynamins can also self-assemble, a process that stimulates GTPase activity. Five alternatively spliced transcripts encoding different proteins have been described. Additional alternatively spliced transcripts may exist, but their full-length nature has not been determined.

Research Area

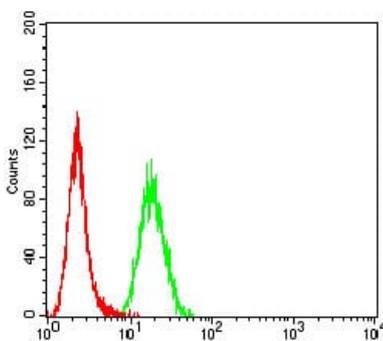
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Western blot analysis using Dynamin-2 mouse mAb against Hela (1), U251 (2), K562 (3), Jurkat (4), and Ramos (5) cell lysate.



Flow cytometric analysis of Hela cells using *** mouse mAb (green) and negative control (red).