

## Mouse Monoclonal Antibody to Dynamin-2

<b>Catalogue Number</b>	sAP-1666
<b>Target Molecule</b>	<b>Name: Dynamin-2</b> <b>Aliases:</b> DNM2;DYN2; CMT2M; DYNII; LCCS5; CMTDI1; CMTDIB; DI-CMTB <b>MW: 98kDa</b> <b>Entrez Gene ID: 1785</b>
<b>Description</b>	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.
<b>Immunogen</b>	Purified recombinant fragment of human Dynamin-2 (AA: 520-744) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM3F5F3
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 250 - 1 to 1000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Cancer Med. 2014 Feb;3(1):14-24.2.Eur J Obstet Gynecol Reprod Biol. 2012 Oct;164(2):180-4.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**