ANGIO-PROTEOMIE
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DATA SHEET

Mouse Monoclonal Antibody to Dynamin-2

Cataloge Number	sAP-1667
Target Molecule	**Name: Dynamin-2** **Aliases:** DNM2;DYN2; CMT2M; DYNII; LCCS5; CMTDI1; CMTDIB; DI-CMTB **MW: 98kDa** **Entrez Gene ID: 1785**
Descrption	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.
Immunogen	Purified recombinant fragment of human Dynamin-2 (AA: 520-744) expressed in E. Coli.
Recitative Species	Human;
Clone	MM3F5C7
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstitued with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: N to A; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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

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