

## Mouse Monoclonal Antibody to PLIN2

<b>Catalogue Number</b>	sAP-0830
<b>Target Molecule</b>	<p><b>Name:</b> PLIN2</p> <p><b>Aliases:</b> ADFP; ADRP</p> <p><b>MW:</b> 48kDa</p> <p><b>Entrez Gene ID:</b> 123</p>
<b>Description</b>	The protein encoded by this gene belongs to the perilipin family, members of which coat intracellular lipid storage droplets. This protein is associated with the lipid globule surface membrane material, and maybe involved in development and maintenance of adipose tissue. However, it is not restricted to adipocytes as previously thought, but is found in a wide range of cultured cell lines, including fibroblasts, endothelial and epithelial cells, and tissues, such as lactating mammary gland, adrenal cortex, Sertoli and Leydig cells, and hepatocytes in alcoholic liver cirrhosis, suggesting that it may serve as a marker of lipid accumulation in diverse cell types and diseases. Alternatively spliced transcript variants have been found for this gene. ; ;
<b>Immunogen</b>	Purified recombinant fragment of human PLIN2 (AA: 286-437) expressed in E. Coli.
<b>Recombinant Species</b>	Human;
<b>Clone</b>	MM2C5A3;
<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 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Am J Physiol Endocrinol Metab. 2012 Nov 1;303(9):E1158-65. ; 2. Exp Physiol. 2012 Aug;97(8):970-80. ;

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**