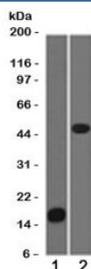


## Adipophilin Antibody / Perilipin 2 / ADRP [clone ADPN1-1] (V7215)

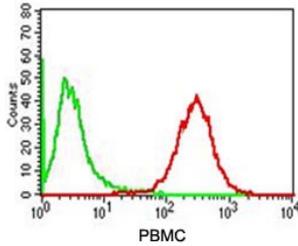
Catalog No.	Formulation	Size
V7215-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7215-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7215SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	ADPN1-1
<b>Purity</b>	Protein G affinity chromatography
<b>Buffer</b>	1X PBS, pH 7.4
<b>UniProt</b>	Q99541
<b>Gene ID</b>	123
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Flow Cytometry : 0.5-1ug/10 <sup>6</sup> cells Western Blot : 1-2ug/ml
<b>Limitations</b>	This Adipophilin antibody is available for research use only.



Western blot testing of 1) partial recombinant protein and 2) Jurkat cell lysate using Adipophilin antibody (clone ADPN1-1).



Adipophilin Antibody Human PBMC FACS. Flow cytometry testing of human PBM cells with Adipophilin antibody (red) and isotype control (green).

## Description

Adipophilin (PLIN2) is a lipid droplet-associated protein that regulates intracellular lipid storage and metabolism. Adipophilin, also called Perilipin 2, ADRP (Adipose differentiation related protein), and PLIN2, 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. 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.

This Adipophilin antibody complements a related [Adipophilin antibody](#) targeting ADRP, PLIN2, and Perilipin 2.

## Application Notes

Titering of the Adipophilin antibody may be required for optimal performance.

## Immunogen

A human recombinant partial protein was used as the immunogen for this Adipophilin antibody.

## Storage

The Adipophilin antibody (with azide) can be stored at 2-8oC. The azide-free format should be aliquoted and stored at -20oC or colder.