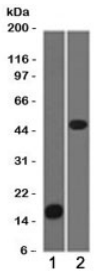
Adipophilin Antibody / Perilipin 2 / ADRP [clone ADPN1-1] (V7215)

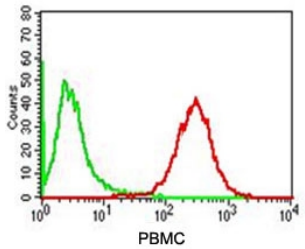
Catalog No.	Formulation	Size
V7215-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7215-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7215SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	ADPN1-1
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
UniProt	Q99541
Gene ID	123
Localization	Cytoplasmic
Applications	Flow cytometry: 0.5-1ug/10^6 cells Western blot: 1-2ug/ml
Limitations	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.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
Copyright © NSJ Bioreagents. All rights reserved.