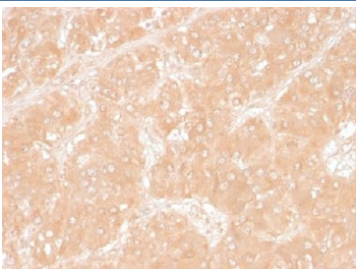


## Perilipin 2 Antibody / Adipophilin / ADRP [clone ADFP/1366] (V3225)

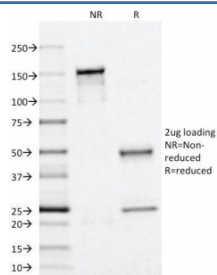
Catalog No.	Formulation	Size
V3225-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3225-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3225SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

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<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2b, lambda
<b>Clone Name</b>	ADFP/1366
<b>Purity</b>	Protein G affinity chromatography
<b>Buffer</b>	1X PBS, pH 7.4
<b>Gene ID</b>	123
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	ELISA (order BSA/sodium Azide-free Format For Coating) : Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This Perilipin 2 antibody is available for research use only.



IHC testing of FFPE human adrenal tissue with Perilipin 2 antibody (clone ADFP/1366).  
Required HIER: steam sections in pH6, 10mM citrate buffer for 10-20 min.



SDS-PAGE Analysis of Purified, BSA-Free Perilipin 2 Antibody (clone ADFP/1366). Confirmation of Integrity and Purity of the Antibody.

## Description

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.

## Application Notes

Titering of the Perilipin 2 antibody may be required for optimal performance.

## Immunogen

A human partial recombinant protein was used as the immunogen for this Perilipin 2 antibody.

## Storage

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