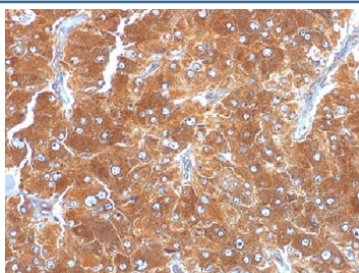


ADRP Antibody / Adipophilin / Perilipin 2 / PLIN2 [clone ADFP/1494] (V3207)

Catalog No.	Formulation	Size
V3207-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3207-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3207SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	ADFP/1494
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	123
Localization	Cytoplasmic
Applications	ELISA (order BSA/sodium Azide-free Format For Coating) : Immunohistochemistry (FFPE) : 2-4ug/ml for 30 min at RT
Limitations	This ADRP antibody is available for research use only.



IHC testing of FFPE human adrenal tissue with ADRP antibody (clone ADFP/1494).
Required HIER: steam sections in pH6, 10mM citrate buffer for 10-20 min.

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 ADRP antibody may be required for optimal performance.

Immunogen

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

Storage

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