Catalog # 123-MSM6
Product Datasheet

Recombinant Adipophilin / Perilipin-2 (Marker of Lipid Accumulation) Antibody

Mouse Monoclonal Antibody [Clone rADFP/1493]

Catalog No	Format	Size
123-MSM6-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
123-MSM6-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
123-MSM6-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

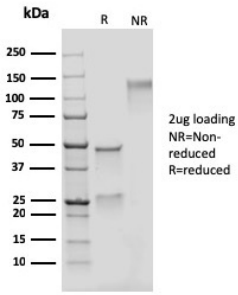
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

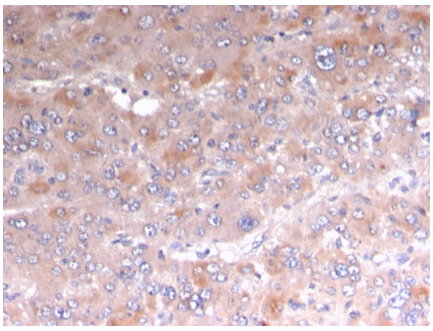
Clone	rADFP/1493
Immunogen	Recombinant fragment (around aa145-226) of the human Adipophilin protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	48.07kDa
Cellular Localization	Lipid droplet, Membrane
Species Reactivity	Human
Positive Control	adrenal gland or cerebellum (IHC)., Liver

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Adipophilin / Perilipin-2 (Marker of Lipid Accumulation) Antibody



SDS-PAGE Analysis of Purified Adipophilin Recombinant Mouse Monoclonal Antibody (rADFP/1493). Confirmation of Integrity and Purity of Antibody.



Formalin-fixed, paraffin-embedded human Adrenal stained with Adipophilin Recombinant Mouse Monoclonal Antibody (rADFP/1493).

Specificity & Comments

Recognizes a protein of 48kDa, which is identified as Adipophilin. It 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.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.