

## Product datasheet for **TA815676S**

### ADFP (PLIN2) Mouse Monoclonal Antibody [Clone ID: OTI6C7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI6C7
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment of Human PLIN2 (NP_001113) produced in Ecoli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	47.9 kDa
Gene Name:	perilipin 2
Database Link:	<a href="#">NP_001113</a> <a href="#">Entrez Gene 11520 Mouse</a> <a href="#">Entrez Gene 101055843 Mouse</a> <a href="#">Entrez Gene 123 Human</a> <a href="#">Q99541</a>



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**Background:**

The protein encoded by this gene 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. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2011]

**Synonyms:**

ADFP; ADRP

**Protein Families:**

Druggable Genome

**Product images:**
