



Perilipin-1 mouse mAb

Catalog No	YP-mAb-17958
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PLIN1 PERI PLIN
Immunogen	Synthesized peptide derived from human Perilipin-1
Specificity	This antibody detects endogenous levels of Perilipin-1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Lipid droplet associated protein;Lipid droplet-associated protein;PERI;Perilipin; Perilipin-1;PerilipinA;PLIN;PLIN1;PLIN1_HUMAN;PLIN1 PERI PLIN;Perilipin-1 (Lipid droplet-associated protein)
Observed Band	57kD
Calculated Molecular Weight	5~7kD; 56kD(Calculated).
Cell Pathway	Endoplasmic reticulum . Lipid droplet . Lipid droplet surface-associated. .
Tissue Specificity	Detected in adipocytes from white adipose tissue (at protein level) (PubMed:27832861). Detected in visceral adipose tissue and mammary gland (PubMed:9521880).
Function	Modulator of adipocyte lipid metabolism. Coats lipid storage droplets to protect them from breakdown by hormone-sensitive lipase (HSL). Its absence may result in leanness. Plays a role in unilocal lipid droplet formation by activating CIDEC. Their interaction promotes lipid droplet enlargement and directional net neutral lipid transfer. May modulate lipolysis and triglyceride levels.
Background	

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images