

Product name:	ACC1 Rabbit Monoclonal Antibody
Cat number:	MABN83795
Conjugate:	Unconjugated
Size:	100μL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthesized peptide derived from human Acetyl CoA carboxylase
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:1000-1:2000, IHC 1:100-1:200
Molecular Weight:	Calculated MW: 266,277 kDa ; Observed MW: 265 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Purified antibody in PBS with 0.05% sodium azide, 0.05% BSA and 50% glycerol.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	ACC1 a subunit of acetyl-CoA carboxylase (ACC), a multifunctional enzyme system. Catalyzes the carboxylation of acetyl-CoA to malonyl-CoA, the rate-limiting step in fatty acid synthesis. Acetyl-CoA carboxylase (ACC) catalyzes the pivotal step of the fatty acid synthesis pathway. The 265 kDa ACCα (ACC1) is the predominant isoform found in liver, adipocytes, and mammary gland, while the 280 kDa ACCβ (ACC2) is the major isoform in skeletal muscle and heart.