

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 ACC α (ACC1) is the predominant isoform found in liver, adipocytes, and mammary gland, while the 280 kDa ACC β (ACC2) is the major isoform in skeletal muscle and heart.