



# ACSA Monoclonal Antibody

Catalog No	YP-mAb-05266
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	ACSS2 ACAS2
Protein Name	Acetyl-coenzyme A synthetase, cytoplasmic (EC 6.2.1.1) (Acetate--CoA ligase) (Acetyl-CoA synthetase) (ACS) (AceCS) (Acyl-CoA synthetase short-chain family member 2) (Acyl-activating enzyme)
Immunogen	Synthesized peptide derived from human protein . at AA range: 40-120
Specificity	ACSA Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	
Observed Band	77kD
Cell Pathway	Cytoplasm, cytosol .
Tissue Specificity	Blood,Melanoma,Muscle,Platelet,Skin,Tongue,
Function	catalytic activity:ATP + acetate + CoA = AMP + diphosphate + acetyl-CoA.,function:Activates acetate so that it can be used for lipid synthesis or for energy generation.,similarity:Belongs to the ATP-dependent AMP-binding enzyme family.,subunit:Monomer.,
Background	This gene encodes a cytosolic enzyme that catalyzes the activation of acetate for use in lipid synthesis and energy generation. The protein acts as a monomer and produces acetyl-CoA from acetate in a reaction that requires ATP. Expression of this gene is regulated by sterol regulatory element-binding proteins, transcription factors that activate genes required for the synthesis of cholesterol and unsaturated fatty acids. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2009],
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**