

Product Name: Fatty Acid Synthase (2F9) Mouse Monoclonal Antibody**Catalog #: AMM03856**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB, ICC/IF, IP
Reactivity	Human, Mouse, Rat, Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000, ICC/IF 1:50-1:200, IP 1:20-1:50
Molecular Weight	Calculated MW: 273 kDa; Observed MW: 273 kDa

Antigen Information

Gene Name	FASN
Alternative Names	FASN; FAS; Fatty acid synthase
Gene ID	2194
SwissProt ID	P49327
Immunogen	A synthetic peptide of human Fatty Acid Synthase

Background

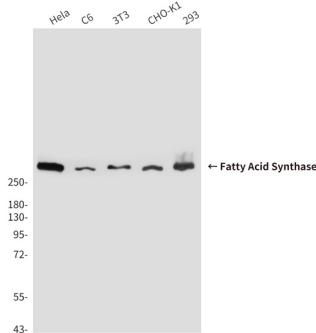
Fatty acid synthase (FASN) catalyzes the synthesis of long-chain fatty acids from acetyl-CoA and malonyl-CoA. FASN is active as a homodimer with seven different catalytic activities and produces lipids in the liver for export to metabolically active tissues or

storage in adipose tissue. In most other human tissues, FASN is minimally expressed since they rely on circulating fatty acids for new structural lipid synthesis.

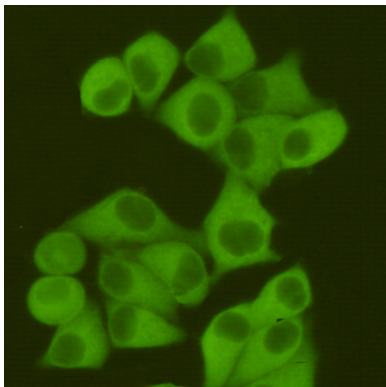
Research Area

Cardiovascular

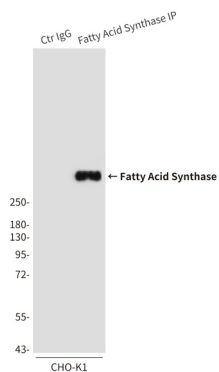
Image Data



Western blot analysis of Fatty Acid Synthase in HeLa, C6, 3T3, CHO-K1 and 293 lysates using Fatty Acid Synthase antibody.



Immunocytochemistry analysis of Fatty Acid Synthase (2F9) in HeLa using Fatty Acid Synthase antibody.



Immunoprecipitation analysis of Fatty Acid Synthase (2F9) in CHO-K1 lysates using Fatty Acid Synthase antibody.