

Product Name: Fatty Acid Synthase Mouse Monoclonal Antibody
Catalog #: AMM85007



Summary

Production Name	Fatty Acid Synthase Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IP,ICC
Reactivity	Human,Mouse,Rat,Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Fatty Acid Synthase
Alternative Names	FASN; FAS; Fatty acid synthase
Gene ID	2194.0
SwissProt ID	P49327.A synthesized peptide derived from human Fatty Acid Synthase

Application

Dilution Ratio	WB:1:500-1:1000,IP:1:10-1:20,ICC:1:50-1:200
Molecular Weight	Calculated MW: 273 kDa; Observed MW: 273 kDa

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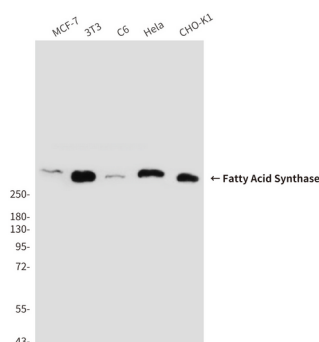


Background

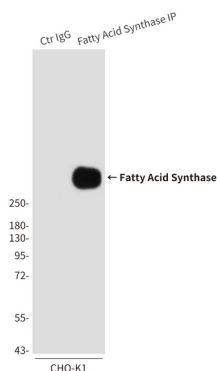
Fatty acid synthase (FASN) catalyzes the synthesis of long-chain fatty acids from acetyl-CoA and malonyl-CoA. FASN is active as a homodimer with seven different catalytic activities and produces lipids in the liver for export to metabolically active tissues or storage in adipose tissue. In most other human tissues, FASN is minimally expressed since they rely on circulating fatty acids for new structural lipid synthesis.

Research Area

Image Data

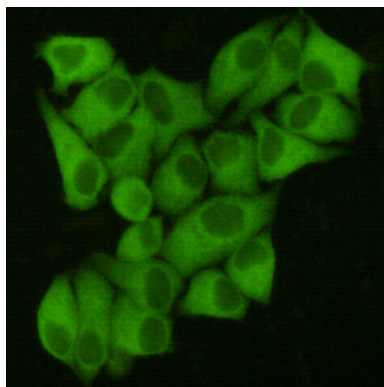


Western blot analysis of Fatty Acid Synthase in HeLa, C6, 3T3, CHO-K1 and MCF-7 lysates using Fatty Acid Synthase antibody.



Immunoprecipitation analysis of Fatty Acid Synthase in CHO-K1 lysates using Fatty Acid Synthase antibody.

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Immunocytochemistry analysis of Fatty Acid Synthase in HeLa using Fatty Acid Synthase antibody.

Note

For research use only.