

**Product Name: Fatty Acid Synthase (6B9) Mouse  
Monoclonal Antibody  
Catalog #: AMM03552**

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## Summary

<b>Production Name</b>	Fatty Acid Synthase (6B9) Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB, ICC/IF, IP
<b>Reactivity</b>	Human, Mouse, Rat, Monkey

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	FASN
<b>Alternative Names</b>	FASN; FAS; Fatty acid synthase
<b>Gene ID</b>	2194
<b>SwissProt ID</b>	P49327.

## Application

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

## Background

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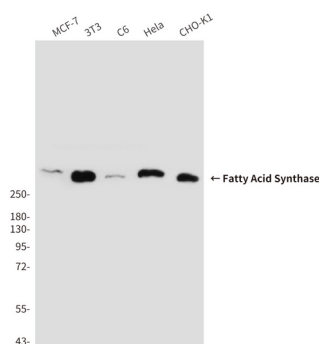


Fatty acid synthase (FASN) catalyzes the synthesis of long-chain fatty acids from acetyl-CoA and malonyl-CoA. FASN is active as a homodimer with seven different catalytic activities and produces lipids in the liver for export to metabolically active tissues or storage in adipose tissue. In most other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

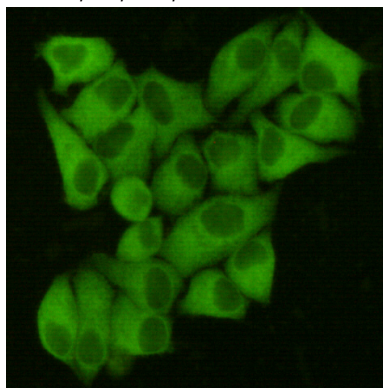
## Research Area

Cardiovascular

## Image Data



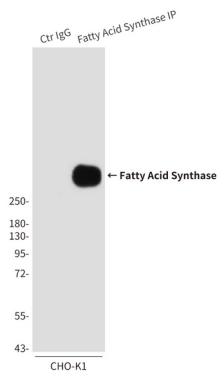
Western blot analysis of Fatty Acid Synthase in HeLa, C6, 3T3, CHO-K1 and MCF-7 lysates using Fatty Acid Synthase antibody.



Immunocytochemistry analysis of Fatty Acid Synthase (6B9) in HeLa using Fatty Acid Synthase antibody.

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Immunoprecipitation analysis of Fatty Acid Synthase (6B9) in CHO-K1 lysates using Fatty Acid Synthase antibody.

**Note**

For research use only.