

## Fatty Acid Synthase (2F9) monoclonal antibody

Catalog: MB3007

Host: Mouse

Reactivity: Human, Mouse, Rat, Monkey

### 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.

### Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

### Molecular Weight:

Calculated MW: 273 kDa; Observed MW: 273 kDa

### Swiss-Prot:

P49327

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

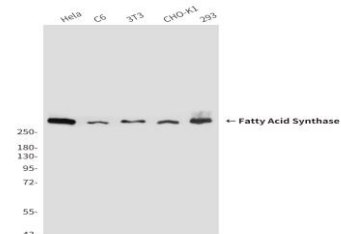
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG2a

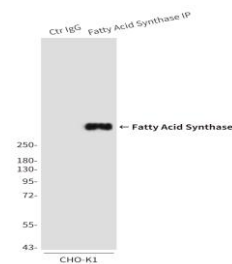
### DATA:



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 in HeLa using Fatty Acid Synthase antibody.

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



### Note:

For research use only, not for use in diagnostic procedure.

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